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# EMPLOYMENT PROFILE



**MAY 1989 GRADUATES OF ONTARIO COLLEGES  
OF APPLIED ARTS AND TECHNOLOGY**



Ontario  
Ministry of  
Colleges and  
Universities



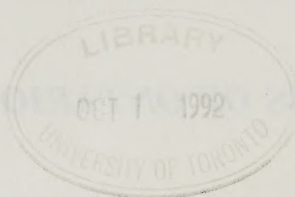
**EMPLOYMENT PROFILE OF**  
**MAY 1989 GRADUATES OF ONTARIO COLLEGES**  
**OF APPLIED ARTS AND TECHNOLOGY**

*This report provides a snapshot picture of the employment experience of college graduates six months after graduation. It is based on the graduate employment survey undertaken jointly by the Ministry of Colleges and Universities and the Career Planning and Placement Staff of the Colleges of Applied Arts and Technology in Ontario.*

**College Affairs Branch**  
**Ministry of Colleges and Universities**  
**February 1991**

*(Ce rapport est également disponible en français)*





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## FOREWORD

This employment profile of Ontario college graduates summarizes the employment experience of May 1989 graduates approximately six months after graduation. The report is based on the findings of the Graduate Employment Survey conducted by the 22 Colleges of Applied Arts and Technology in Ontario during November 1989. At that time, La Cité collégiale had not begun operations.

The survey provides data on the graduates' employment status, earnings, industry of employment, and occupation and on the relationship of the graduates' occupation to their training. It should be noted that the results of the survey apply to a period of only one week, whereas the situation of graduates could well change over time.

The survey results provide useful information to students who are making career choices and program selections, to counsellors who work with and advise students, and to college administrators who make programming decisions in response to the changing needs of the labour market. It can also serve as a useful tool to employers in their recruitment efforts. Finally, it assists the Ministry of Colleges and Universities in program analysis and policy development.

The co-operation of graduates in responding to the Graduate Employment Survey helped to develop a useful source of labour market information that will facilitate the improvement of training programs and help counsellors, educators, and administrators in their work. The career-planning and placement staff of the individual colleges conducted the survey of their graduates and submitted the data to the Ministry of Colleges and Universities. Ministry staff compiled and consolidated data from the 22 colleges. This report was prepared by Brinda Murti, Ministry of Colleges and Universities.

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## HIGHLIGHTS

### Employment Outcomes

- In November 1989 (six months after graduation), 92.8 per cent of the postsecondary college graduates in the labour force were working; only 7.2 per cent were still looking for work. The proportion of graduates in the labour force employed full-time was 82.6 per cent; 10.2 per cent were in part-time jobs. Overall, 72.9 per cent of the graduates in the labour force reported having full-time jobs in their field of study, while 9.7 per cent were in jobs that did not utilize the skills and knowledge they had acquired through their training programs.
- The employment rate for female graduates was 93.3 per cent, while that for males was 91.9 per cent.
- The employment outcomes of college graduates varied, depending on the program area. A comparison of the employment rates and the proportion of graduates in the labour force employed full-time in related jobs by program area is given in the following table:

Program Areas	Percentage Working Full-Time in Related Jobs	Percentage Working Full-Time	Percentage Working
Health Technology	77.9	81.8	95.2
Nursing and Related	77.4	78.1	98.4
Technology	77.3	87.1	91.6
Office and Business Administration	74.7	85.4	92.3
Hospitality	73.7	81.6	93.9
Visual and Creative Arts	67.5	82.1	91.7
Social Services	66.1	77.2	91.6



## Annual Earnings of Graduates

- At the time of the survey, college graduates reported an average annual starting salary of \$21,978.
- The average annual starting salary for female graduates was \$21,300, and that for males was \$23,069.
- There was a wide variation in the earnings of graduates by program areas. Graduates who earned above-average salaries had been enrolled in the following program areas: Nursing and Related (\$30,323), Health Technology (\$24,843), and Technology (\$23,404).

## Industry Sectors

- More than half the employed college graduates were working in the Service Industries which includes Health and Social Services Industries (30 per cent), Business Services Industries (12 per cent), Accommodation, Food, Beverage and Other Service Industries (8 per cent), and Education Service Industries (2 per cent).
- The Manufacturing Sector hired 11 per cent of the employed graduates, followed by Wholesale and Retail Trade (10 per cent) and Public Administration (9 per cent).

## Occupations

- Almost half of the employed college graduates worked in professional support occupations in Medicine and Health (16.6 per cent), Natural Sciences and Engineering (9.6 per cent), Social Sciences (8.6 per cent), Teaching and Related (6.3 per cent), and Artistic, Literary, Performing Arts and Sports and Recreation (6.1 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a clerical occupation. Fifteen per cent of the employed graduates were engaged in Sales or Service occupations.

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## USER'S GUIDE

To assist the reader, this section provides definitions of terms and an explanation of the tables presented in the report.

### I. DEFINITIONS OF TERMS

**Labour Force:** Persons who were employed or unemployed but were looking for work during the reference week.

**Reference Week:** The week in which the Graduate Employment Survey was conducted. (November 5-11, 1989)

**Employed:** Persons who, during the reference week, did any work at all, whether:

- full-time or part-time
- salaried or self-employed
- permanent or temporary
- related or unrelated to the program of study

**Full-time Employment:** At least 30 hours of work per week, or less than 30 hours per week if considered full-time employment in a particular field.

**Part-time Employment:** less than 30 hours of work per week.

**Unemployed:** Persons who, during the reference week, were without work but were looking for work.

**Not in the Labour Force:** Persons who, during the reference week, were neither employed nor unemployed. It includes those attending school full-time, travelling, or staying home for health reasons or because of family responsibilities.

**Participation Rate:** The labour force expressed as a percentage of the population in the survey.

**Employment Rate:** The number of employed persons expressed as a percentage of the labour force.

**Unemployment Rate:** The number of unemployed persons expressed as a percentage of the labour force.

## II. EXPLANATION OF TABLES BY PROGRAM

This section provides an explanation of the tables on employment picture of college graduates by program area presented in Chapter II.

(1) Total Grads	(2) Total in the Survey # %		(3) Grads. in the Labour Force % #		(4) Per cent Working	(5) Per cent Working Full-Time	(6) Per cent Working Full-Time in Related Job	(7) Average Annual Salary
22,186	15,278	68.8	88.3	13,491	92.8	82.6	72.9	\$21,978

1. **Total Graduates:** Represents all students (both full-time students and full-time students who transferred to part-time studies and then graduated) who graduated in May 1989 and is referred to as the survey population. A questionnaire was mailed to all the graduates (22,186).
2. **Total in the Survey:** Represents the number of graduates who returned completed questionnaires. All survey results are based on this population (15,278). The percentage represents the response rate, that is, the number of graduates who responded as a percentage of the total number of college graduates ( $15,278 \div 22,186 \times 100 = 68.8\%$ ).
3. **Graduates in the Labour Force:** Represents the number of respondents who were either employed or unemployed during the reference week, November 5-11, 1989 (13,491). The percentage represents the labour force participation rate, that is, the number of graduates in the labour force as a percentage of the total number of respondents ( $13,491 \div 15,278 \times 100 = 88.3\%$ ).
4. **Per cent Working:** Represents respondents who were employed as a percentage of the graduates in the labour force (92.8%).  
Per cent unemployed =  $100\% - 92.8\% = 7.2\%$ .
5. **Per cent Working Full-Time:** Represents respondents who were employed in full-time jobs as a percentage of the graduates in the labour force (82.6%).
6. **Per cent Working Full-Time in Related Jobs:** Represents respondents who were employed in full-time jobs related or partially related to their training programs as a percentage of the graduates in the labour force (72.9%). This is based on responses of the graduates to question 15 in the survey.
7. **Average Annual Salary:** Represents the average annual starting salary of respondents who were employed full-time in jobs related or partially related to their training (\$21,978).



### III. FREEDOM OF INFORMATION AND PROTECTION OF INDIVIDUAL PRIVACY ACT

To maintain adequate confidentiality in light of the Freedom of Information and Protection of Individual Privacy Act, employment information is not presented in this report for categories in which the total number of graduates or the number in the labour force is equal to one. Salary information is not presented for categories in which fewer than three graduates reported salaries.



## INTRODUCTION

Since its introduction in 1965, Ontario's college system has evolved to include 23<sup>1</sup> colleges with approximately 90 campuses in 60 cities and towns throughout the province. In addition, the college system provides a continuing presence through regular courses or programs in approximately 300 additional communities. The provincial map in Appendix A (page 107) shows the geographic location of the main campus for each college.

Colleges of Applied Arts and Technology offer a wide range of programs. Their postsecondary programs vary in duration from one to three years and are aimed at providing education and skills training in the areas of Applied Arts, Business, Health Sciences, and Technology to students who have completed their secondary school diploma. Adult training programs are non-postsecondary programs usually less than one year in duration and are aimed at providing academic upgrading, language training, and vocational skills to adults in the labour force. Students can take both postsecondary and non-postsecondary programs on a full-time or part-time basis. The colleges also provide a range of industrial training programs, such as the in-school portion of apprenticeship training and contract training to individual employers. In addition, they offer continuing education programs covering a wide variety of career-oriented and general-interest courses.

This report provides information only on the labour market experience of full-time students who graduated from college postsecondary programs. It looks at the employment experience of the graduates six months after graduation and hence only paints a picture of transition from school to work. It should be noted that the results of the survey provide only a snapshot of the employment status of graduates during a one week period, whereas the situation of the graduates could well change over time. A brief description of the methodology used to collect information on the labour market experience of college graduates is provided in Appendix B (page 109).

Chapter I summarizes the employment profile of May 1989 graduates of Colleges of Applied Arts and Technology in Ontario. Chapter II provides information on the employment status and earnings of graduates by program areas at the provincial level. It also identifies the major industry sectors employing college graduates and the types of occupations in which they find employment.

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<sup>1</sup> La Cité collégiale, a newly created French language college in Ottawa, began operations in September 1990.





## Chapter I

### OVERVIEW OF SURVEY RESULTS

This chapter summarizes the general findings of the Graduate Employment Survey for all respondents. It provides information on the number of graduates, their labour force and employment status, their job start date, the relationship between their jobs and programs of study, and their annual earnings. It also identifies the major industry sectors employing college graduates and the types of occupations in which they find employment.

#### A. Number of Graduates

- In May 1989, 22,186 students graduated from postsecondary programs in the 22 Colleges of Applied Arts and Technology in Ontario. Of these, 19,263 were full-time students. The rest were full-time students who transferred to part-time studies and then graduated (Table 1).
- About 60 per cent of the college graduates were women. In all divisions except Technology, female graduates outnumbered male graduates.
- Slightly over a third of the students graduated from the Business division and another third from the Applied Arts division. Technology graduates accounted for 18 per cent of the total, and Health Sciences graduates accounted for the remaining 13 per cent.
- A total of 15,278 graduates responded to the survey. This represents a response rate of 68.8 per cent. This report's information on the labour market success of college graduates is based on these responses.

TABLE 1  
LABOUR FORCE STATUS OF COLLEGE GRADUATES,  
BY DIVISION AND SEX,  
NOVEMBER 1989

	DIVISION AND SEX																	
	TECHNOLOGY		BUSINESS		APPLIED ARTS		HEALTH		UNKNOWN		TOTAL							
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL			
I. TOTAL GRADUATES	3,500	459	3,959	2,549	5,203	7,752	2,436	5,006	7,442	382	2,574	2,956	38	39	77	8,905	13,281	22,186
II. TOTAL IN THE SURVEY	2,363	352	2,715	1,645	3,615	5,260	1,602	3,467	5,069	286	1,873	2,159	37	38	75	5,933	9,345	15,278
RESPONSE RATE	67.5%	76.6%	68.5%	64.5%	69.4%	67.8%	65.7%	69.2%	68.1%	74.8%	72.7%	73.0%	97.3%	97.4%	97.4%	66.6%	70.3%	68.8%
III. TOTAL IN THE LABOUR FORCE	2,033	293	2,326	1,469	3,225	4,694	1,348	3,000	4,348	277	1,785	2,062	31	30	61	5,158	8,333	13,491
PARTICIPATION RATE	86.0%	83.2%	85.6%	89.3%	89.2%	89.2%	84.1%	86.5%	85.7%	96.8%	95.3%	95.3%	83.7%	78.3%	81.3%	86.9%	89.1%	88.3%
IV. EMPLOYMENT STATUS																		
1. EMPLOYED	1,879	251	2,130	1,355	2,986	4,341	1,209	2,777	3,986	269	1,732	2,001	30	28	58	4,742	7,774	12,516
A. FULL-TIME	1,798	229	2,027	1,270	2,720	3,990	1,091	2,334	3,425	243	1,399	1,642	28	28	56	4,430	6,710	11,140
B. PART-TIME	63	21	84	71	252	323	109	424	533	25	313	338	0	0	0	268	1,010	1,278
C. UNKNOWN STATUS	18	1	19	14	14	28	9	19	28	1	20	21	2	0	2	44	54	98
2. UNEMPLOYED	154	42	196	114	239	353	139	223	362	8	53	61	1	2	3	416	559	975
UNEMPLOYMENT RATE	7.5%	14.3%	8.4%	7.7%	7.4%	7.5%	10.3%	7.4%	8.3%	2.8%	2.9%	2.9%	3.2%	6.6%	4.9%	8.0%	6.7%	7.2%
V. NOT IN THE LABOUR FORCE	330	59	389	176	390	566	254	467	721	9	88	97	6	8	14	775	1,012	1,787
A. FULL-TIME EDUCATION	303	54	357	138	289	427	225	366	591	4	52	56	6	5	11	676	766	1,442
B. OTHER*	23	5	28	36	97	133	28	97	125	5	34	39	0	3	3	92	236	328
C. UNKNOWN	4	0	4	2	4	6	1	4	5	0	2	2	0	0	0	7	10	17

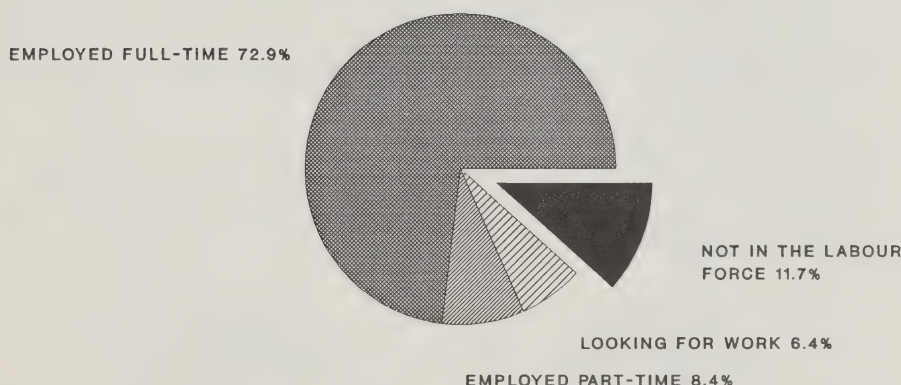
## B. Labour Force Status of Graduates

The labour force status of all graduates who responded to the survey is illustrated in Figure 1.

- Of the 15,278 graduates who responded to the survey, 1,787 graduates (11.7 per cent) were neither working nor looking for work at the time of the survey. The majority of graduates who were not in the labour force (81 per cent) were pursuing their education full-time at a college, university, or other postsecondary institution. The others were not in the labour force due to reasons of health, family responsibilities, or travel.
- 81.9 per cent of the respondents were employed at the time of the survey; 72.9 per cent in full-time jobs and 8.4 per cent in part-time jobs. 6.4 per cent of the respondents were looking for work.<sup>2</sup>

FIGURE 1

### LABOUR FORCE STATUS OF COLLEGE GRADUATES\*, NOVEMBER 1989



\* Figures may not add up to 100.0 per cent because it excludes 98 employed graduates (0.6 per cent) whose full-time/part-time status is not known.

<sup>2</sup> This percentage is not the unemployment rate. It represents the number of unemployed as a percentage of all graduates who responded to the survey, whereas an unemployment rate is the number of unemployed expressed as a percentage of all the graduates in the labour force. The unemployment rate is provided in Table 1. It was 7.2 per cent in November 1989.

## C. Employment Status of Graduates

### Employment

- Overall, 12,516 graduates were employed during the survey week in November 1989. They represent 92.8 per cent of the college graduates in the labour force at that time. Of these, 11,140 graduates, or 82.6 per cent in the labour force, were employed in full-time jobs; 1,278 graduates, or 9.5 per cent held part-time jobs, i.e., they were working less than 30 hours per week.
- The employment rate for female graduates was 93.3 per cent, and that for males was 91.9 per cent.

However, the proportion of female graduates in the labour force in full-time jobs (80.5 per cent) was lower than that for males (85.9 per cent). The proportion of female graduates in the labour force in part-time jobs (12.1 per cent) was more than twice that for males (5.2 per cent).

### Unemployment

- In November 1989, 975 graduates or 7.2 per cent of the total in the labour force were still looking for work.
- The unemployment rate for female graduates was 6.7 per cent, and that for males, 8.0 per cent.
- Graduates from the Health Sciences division had the lowest unemployment rate (2.9 per cent). The unemployment rates for graduates of programs in other divisions were as follows: Business (7.5 per cent), Applied Arts (8.3 per cent), and Technology (8.4 per cent).



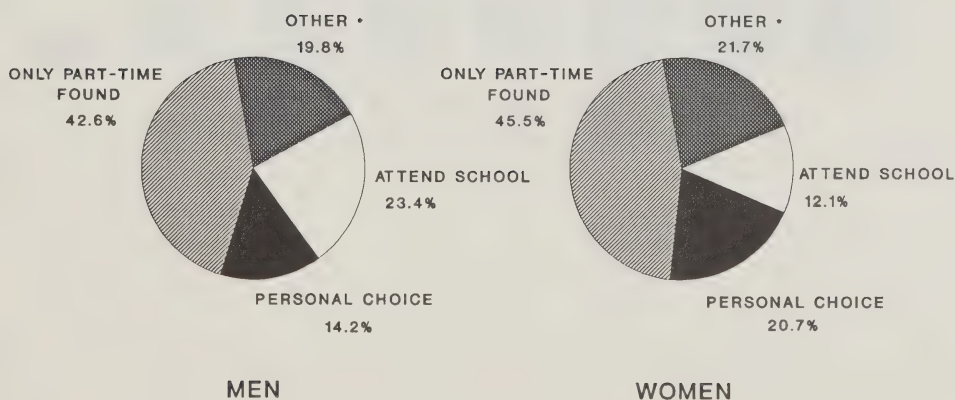
## D. Reasons for Working Part-Time

In November 1989, one in ten of the employed college graduates had a part-time job. The graduates were asked the reasons for working part-time, and the results are illustrated in Figure 2.

- Almost half the graduates working part-time did so because they could not find full-time jobs. This was the reason given most frequently by both men (42.6 per cent) and women (45.5 per cent).
- Among other reasons cited for working part-time, the pattern was different between men and women: 23.4 per cent of the male graduates working part-time did so because they were attending school full-time, whereas 12.1 per cent of the female graduates gave this reason for working part-time.
- On the other hand, 42.2 per cent of the female graduates either wanted to work part-time by choice or had to work part-time due to personal and family responsibilities or other reasons. The proportion of male graduates working part-time for these reasons was 34.0 per cent.

FIGURE 2

### REASONS FOR WORKING PART-TIME, BY SEX, NOVEMBER 1989



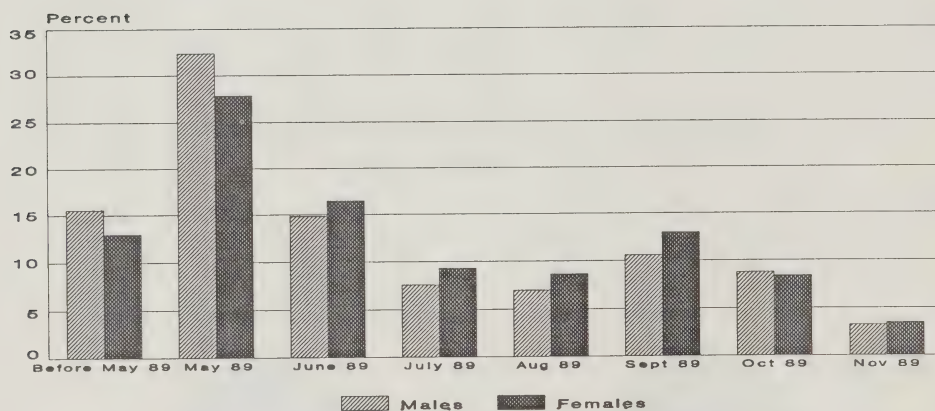
• Other includes own illness/disability, family responsibilities, and other reasons.

## E. Job Start Date

Graduates were asked to report on when they found employment. A summary of these results is presented in Figure 3.

- Within six months of graduation, 11,140 graduates had found full-time jobs. Of these, almost 48 per cent of the males and 41 per cent of the females had secured a full-time job before or upon graduation.

**FIGURE 3**  
**JOB START DATE\*, BY SEX**



\* Date that graduates who were employed full-time during the week of November 5-11, 1989, started their jobs.

## F. Relationship Between Job and Program of Study

The interaction of the job market and the education system is complex. While some programs provide training for specific occupations, graduates from other fields of study can function in a wide range of occupations. In the survey, graduates were asked whether the responsibilities of their jobs were related to their programs of study. The results are presented in Table 2 and Figure 4.

- Graduates who worked full-time were more likely than part-time workers to have jobs related to their program of study: 72.5 per cent of the graduates employed full-time considered the responsibilities of their jobs to be related to their training programs, while another 15.7 per cent considered them to be partially related. Only 11.4 per cent of the graduates held jobs that were not related to their training programs. The proportion of part-time workers in unrelated jobs was almost twice as high (21.4 per cent).
- The proportion of female graduates employed full-time in jobs that were not related to their training was 9.7 percent; the comparable figure for male graduates was 13.9 percent.
- The proportion of Health Sciences graduates employed full-time in jobs that were not related to their training was 2.3 per cent. The comparable figures for graduates from programs in other divisions were: Technology (10.9 per cent), Business (11.9 per cent), and Applied Arts (15.3 per cent).

TABLE 2  
RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY\*,  
BY DIVISION AND SEX,  
NOVEMBER 1989

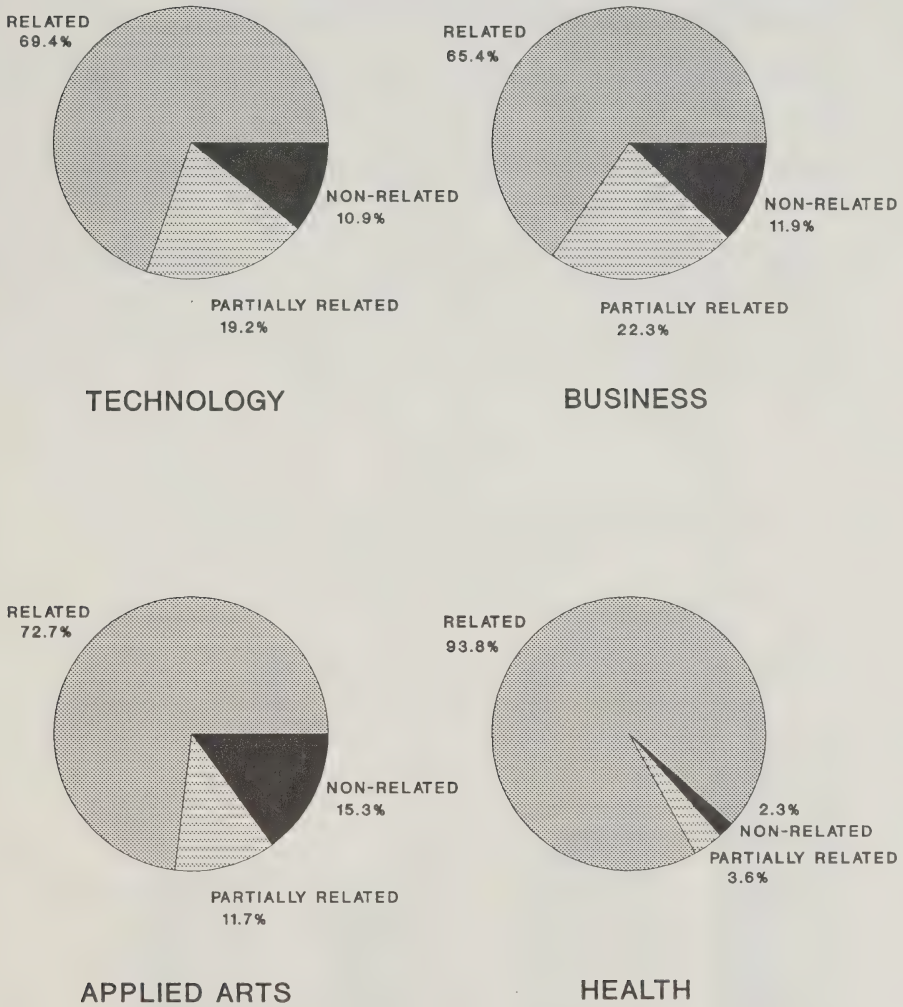
EMPLOYMENT STATUS	RELATIONSHIP	DIVISION AND SEX											
		TECHNOLOGY			BUSINESS			APPLIED ARTS			HEALTH		
		MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
FULL-TIME EMPLOYED	RELATED	70.0	64.6	69.4	65.9	65.1	65.4	67.3	75.2	72.7	93.4	93.9	93.8
	PARTIALLY	18.4	25.3	19.2	20.4	23.1	22.3	11.2	11.9	11.7	3.2	3.7	3.6
	NOT RELATED	11.0	10.0	10.9	13.4	11.2	11.9	21.2	12.5	15.3	3.2	2.2	2.3
	UNKNOWN	0.4	0.0	0.3	0.1	0.4	0.3	0.0	0.2	0.1	0.0	0.1	0.1
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PART-TIME EMPLOYED	TOTAL NUMBER	1,798	229	2,027	1,270	2,720	3,990	1,091	2,334	3,425	243	1,399	1,642
	RELATED	46.0	33.3	42.8	38.0	44.4	43.0	54.1	63.6	61.7	88.0	89.1	89.0
	PARTIALLY	9.5	9.5	9.5	18.3	26.5	24.7	11.9	14.8	14.2	4.0	3.1	3.2
	NOT RELATED	39.6	57.1	44.0	39.4	27.3	30.0	31.1	20.0	22.3	0.0	6.7	6.2
	UNKNOWN	4.7	0.0	3.5	4.2	1.5	2.1	2.7	1.4	1.6	8.0	0.9	1.4
TOTAL EMPLOYED**	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	63	21	84	71	252	323	109	424	533	25	313	338
	RELATED	69.2	62.0	68.4	64.4	63.4	63.7	66.1	73.4	71.2	92.9	93.0	93.0
	PARTIALLY	18.1	24.0	18.8	20.3	23.4	22.4	11.3	12.4	12.0	3.3	3.6	3.5
	NOT RELATED	11.9	14.0	12.2	14.8	12.6	13.3	22.1	13.7	16.2	2.9	3.0	3.0
TOTAL EMPLOYED**	UNKNOWN	0.5	0.0	0.5	0.3	0.5	0.4	0.3	0.3	0.3	0.7	0.2	0.3
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	1,861	250	2,111	1,341	2,972	4,313	1,200	2,758	3,958	268	1,712	1,980
	RELATED	57.1	60.7	58.9	57.1	60.7	58.9	57.1	60.7	58.9	57.1	60.7	58.9
	PARTIALLY	16.4	15.2	15.7	16.4	15.2	15.7	16.4	15.2	15.7	16.4	15.2	15.7
TOTAL EMPLOYED**	NOT RELATED	13.9	9.7	11.4	13.9	9.7	11.4	13.9	9.7	11.4	13.9	9.7	11.4
	UNKNOWN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	4,430	6,710	11,140	28	56	84	28	56	84	28	56	84
	RELATED	51.1	66.1	62.9	51.1	66.1	62.9	51.1	66.1	62.9	51.1	66.1	62.9
TOTAL EMPLOYED**	PARTIALLY	12.3	14.0	13.6	12.3	14.0	13.6	12.3	14.0	13.6	12.3	14.0	13.6
	NOT RELATED	32.4	18.5	21.4	32.4	18.5	21.4	32.4	18.5	21.4	32.4	18.5	21.4
	UNKNOWN	4.1	1.2	1.8	4.1	1.2	1.8	4.1	1.2	1.8	4.1	1.2	1.8
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	268	1,010	1,278	268	1,010	1,278	268	1,010	1,278	268	1,010	1,278
TOTAL EMPLOYED**	RELATED	68.3	73.5	71.5	68.3	73.5	71.5	68.3	73.5	71.5	68.3	73.5	71.5
	PARTIALLY	16.1	15.1	15.5	16.1	15.1	15.5	16.1	15.1	15.5	16.1	15.1	15.5
	NOT RELATED	14.9	10.9	12.4	14.9	10.9	12.4	14.9	10.9	12.4	14.9	10.9	12.4
	UNKNOWN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL EMPLOYED**	TOTAL NUMBER	4,698	7,720	12,418	28	56	84	28	56	84	28	56	84
	RELATED	57.1	60.7	58.9	57.1	60.7	58.9	57.1	60.7	58.9	57.1	60.7	58.9
	PARTIALLY	16.4	15.2	15.7	16.4	15.2	15.7	16.4	15.2	15.7	16.4	15.2	15.7
	NOT RELATED	13.9	9.7	11.4	13.9	9.7	11.4	13.9	9.7	11.4	13.9	9.7	11.4
	UNKNOWN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

\* Relationship determined by graduates.  
 \*\* Total employed is the sum of full-time employed and part-time employed. It excludes employed graduates whose full-time/part-time status is unknown.  
 \*\*\* Figures may not add up to 100.0 per cent due to rounding.



FIGURE 4

RELATIONSHIP BETWEEN FULL-TIME JOB AND PROGRAM OF STUDY,  
BY DIVISION ,  
NOVEMBER 1989



## G. Annual Earnings of Graduates

The average annual earnings of college graduates working full-time in jobs related or partially related to their training programs is presented in Figure 5 and Table 3. It should be noted that the earnings information presented in this report refers only to the average annual starting salary of graduates. Other compensation, such as gratuities, commissions, or other non-monetary payments, which in some occupations could be a significant component of the total earnings, is not included in the salary.

- At the time of the survey, college graduates reported an average annual starting salary of \$21,978.
- The average annual starting salary for female graduates was \$21,300, and that for males was \$23,069.
- College graduates from the Health Sciences division reported the highest average annual salary at \$28,097, which is about 28 per cent above the overall average. The next highest salary was reported by Technology graduates (\$23,404). The average annual salaries for graduates from the Applied Arts and Business divisions were below the provincial average figures.

**FIGURE 5**  
**ANNUAL EARNINGS OF COLLEGE GRADUATES,**  
**BY DIVISION AND SEX,**  
**NOVEMBER 1989**

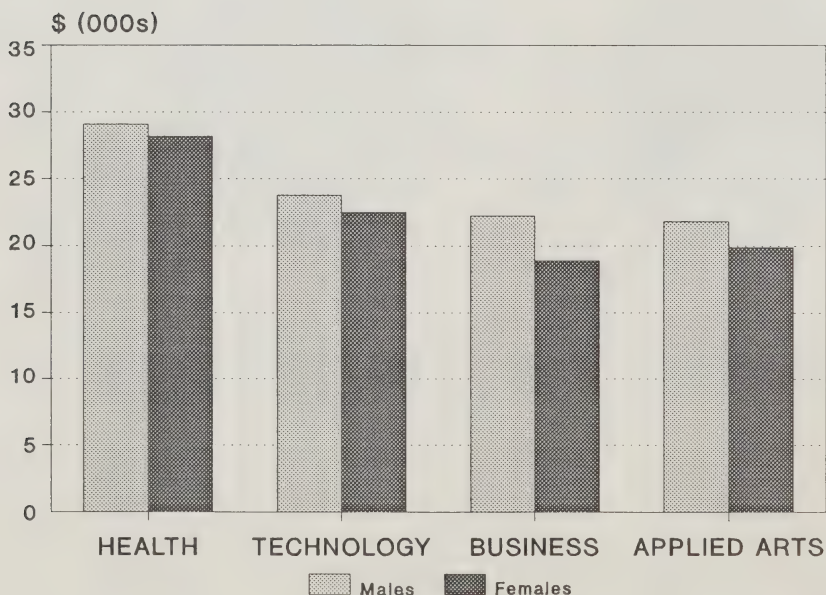


TABLE 3  
ANNUAL EARNINGS OF COLLEGE GRADUATES\*,  
BY DIVISION AND SEX,  
NOVEMBER 1989

ANNUAL SALARY	DIVISION AND SEX											
	TECHNOLOGY			BUSINESS			APPLIED ARTS			HEALTH		
	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
< \$10,00	0.3	0.0	0.2	1.7	1.9	1.8	1.2	2.1	1.8	0.0	0.2	0.1
\$10,000 - \$19,999	25.8	35.6	27.0	32.0	57.6	49.7	41.9	51.0	48.3	7.2	20.4	18.5
\$20,000 - \$29,999	60.8	56.2	60.3	55.9	38.0	43.5	47.7	43.5	44.7	42.0	29.7	31.5
\$30,000 - \$39,999	11.1	7.5	10.6	8.4	1.9	3.9	7.5	2.9	4.2	46.6	43.7	44.1
\$40,000 - \$49,999	0.9	0.5	0.9	1.1	0.3	0.6	0.8	0.2	0.4	3.1	3.7	3.6
\$50,000 AND OVER	0.7	0.0	0.7	0.5	0.0	0.2	0.6	0.1	0.2	0.9	2.0	1.8
TOTAL**	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER	1,502	199	1,701	1,006	2,259	3,265	796	1,905	2,701	221	1,320	1,541
AVERAGE	23,588	22,009	23,404	22,203	18,738	19,806	21,511	19,676	20,217	28,952	27,954	28,097
										24,743	19,393	21,742
										18	23	41
										3,543	5,706	9,249
										23,069	21,300	21,978

\* Annual earnings of college graduates refers to average annual starting salaries of graduates employed in full-time jobs related or partially related to their training programs.

\*\* Figures may not add up to 100.0 per cent due to rounding.

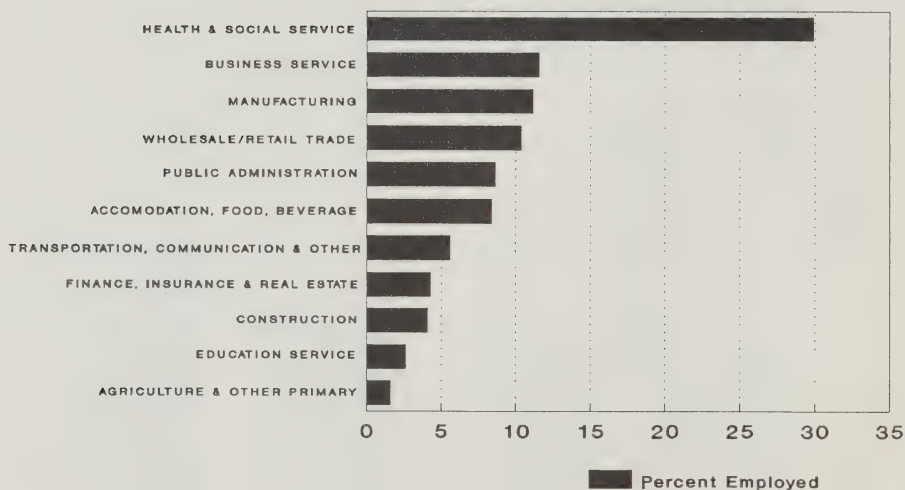
## H. Industry Sectors

This section provides information on the major industry sectors employing college graduates. Graduates were asked to indicate the type of business or service offered by their employers. These responses were coded on the basis of Statistics Canada's 1980 SIC (Standard Industrial Classification). A summary of these results is presented in Figure 6.

- More than half of the employed graduates were working in the Service Industries which includes Health and Social Service Industries (30 per cent), Business Service Industries (12 per cent), Accommodation, Food, Beverage and Other Service Industries (8 per cent), and Education Service Industries (2 per cent).
- The Manufacturing Sector hired 11 per cent of the employed graduates. It was followed by Wholesale and Retail Trade (10 per cent) and Public Administration (9 per cent).

FIGURE 6

### DISTRIBUTION OF EMPLOYMENT, BY INDUSTRY GROUPS, NOVEMBER 1989



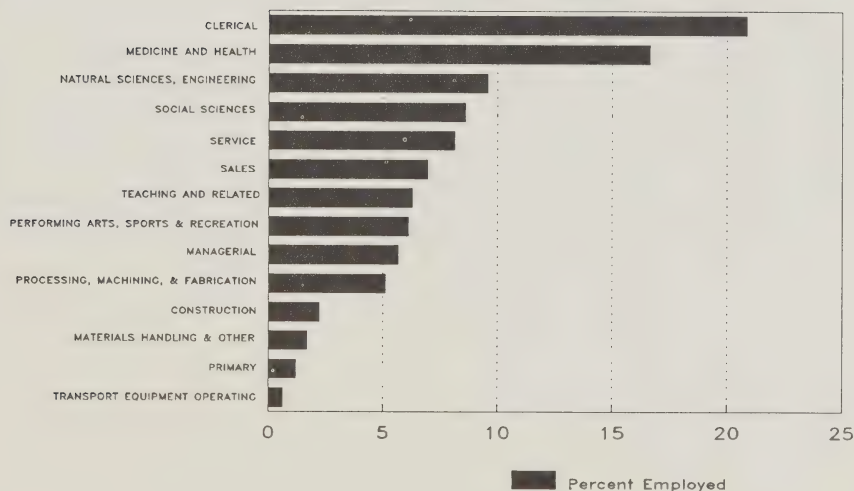
## I. Occupations

It is important to know not only how many graduates were employed full-time, but also what kinds of jobs they had found. Graduates were asked to provide information on their job titles and the types of work they were doing. Their responses were coded using the CCDO (Canadian Classification and Dictionary of Occupations) as defined by the Canada Employment and Immigration Commission. A summary of these responses is presented in Figure 7.

- Almost half of the employed graduates worked in professional support occupations, which include Medicine and Health (16.6 per cent), Natural Sciences and Engineering (9.6 per cent), Social Sciences (8.6 per cent), Teaching and related (6.3 per cent), and Performing Arts, Sports and Recreation (6.1 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a Clerical occupation. About fifteen per cent of the employed graduates were engaged in Sales or Service occupations.

FIGURE 7

**DISTRIBUTION OF EMPLOYMENT,  
BY OCCUPATION GROUPS,  
NOVEMBER 1989**







## Chapter II

### EMPLOYMENT PROFILES BY PROGRAM AREA

This chapter provides employment profiles by program area. Similar programs in the various colleges are clustered into provincial program categories. These in turn have been grouped into fields and broad occupation groups or program area. This allows the employment of college graduates training for similar occupations to be compared. The groupings are as follows:

<u>Division</u>	<u>Program Area</u>
Applied Arts	<ul style="list-style-type: none"><li>• Visual and Creative Arts</li><li>• Social Service</li></ul>
Health Sciences	<ul style="list-style-type: none"><li>• Health Technology</li><li>• Nursing and Related</li></ul>
Technology	<ul style="list-style-type: none"><li>• Technology</li></ul>
Business	<ul style="list-style-type: none"><li>• Office and Business Administration</li><li>• Hospitality</li></ul>

For each program area, information is presented on the number of graduates, their employment status, the relationship between their jobs and programs of study, and their annual earnings. Details on the major industry sectors employing graduates and the types of occupations in which they find employment are also provided.

It should be noted that the information presented in this report is at the provincial level and may not reflect regional and local variations in labour markets. Individual colleges also prepare reports based on the employment experience of their graduates. Readers requiring detailed information on specific programs in individual colleges are advised to contact the placement offices in those colleges. Appendix C (page 115) provides a list of programs with enrolment in 1989-90 by college. Appendix D (page 125) provides the addresses and telephone numbers of the career-planning and placement offices of all the colleges.

## A. VISUAL AND CREATIVE ARTS PROGRAMS

This section discusses programs in the following fields:

- Media
- Performing Arts
- Fashion
- Design
- Art
- Craft
- Graphic Arts/Printing
- Horticulture

### 1. Number of Graduates

In May 1989, there were 2,573 graduates from English-language programs and 74 from French and Bilingual programs in the Visual and Creative Arts area. Together, they accounted for 12 per cent of the total number of college graduates in Ontario (Table 4).

Within this area, graduates from programs in the Media field, such as Broadcasting, Journalism, and Photography, accounted for 38.4 per cent of the total. The next largest group was in the Design field, in programs such as Graphic Design and Interior Design, which accounted for 30.4 per cent of the total number of graduates in this area.

### 2. Employment Status of Graduates

Six months after graduation, 91.7 per cent of the Visual and Creative Arts graduates in the labour force were employed and 8.3 per cent were looking for work. The employment rate for this group was lower than the average for all college graduates.

There were some exceptions: more than 97 per cent of the Fashion and Art graduates in the labour force were employed.

### 3. Relationship Between Job and Program of Study

At the time of the survey, the proportion of Visual and Creative Arts graduates in the labour force who were employed full-time in jobs related to their fields was 67.5 per cent, which is below the average for all college graduates.

However, within this program area, more than 80 per cent of the Graphic Arts and Horticulture graduates in the labour force were employed full-time in jobs related to their program of study.

The proportion of Art graduates in the labour force with full-time jobs related to their program of study was 34.8 per cent, and that for the Performing Arts graduates was 38.6 per cent.

4. Annual Earnings of Graduates

In November 1989, Visual and Creative Arts graduates earned an average annual starting salary of \$19,588, compared with the college-system average of \$21,978.

Horticulture graduates were the only group to earn above-average salaries (\$23,525).

The starting salaries for Fashion and Art graduates were approximately \$16,000 per year.

5. Industry Sectors

The major industry sectors employing Visual and Creative Arts graduates are as follows:

• Manufacturing	22.8%
• Transportation/Communication	20.1%
• Business Services	16.5%
• Trade	13.7%
• Accommodation/Food and Beverage	9.4%
• Other	<u>17.5%</u>
Total	<u>100.0%</u>

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 5. This provides an indication of the types of industries hiring graduates from the Visual and Creative Arts programs. The top five industries are as follows:

- Telecommunication Broadcasting Industries
- Publishing and Printing Industries
- Other Business Services
- Advertising Services
- Commercial Printing Industries

6. Occupations

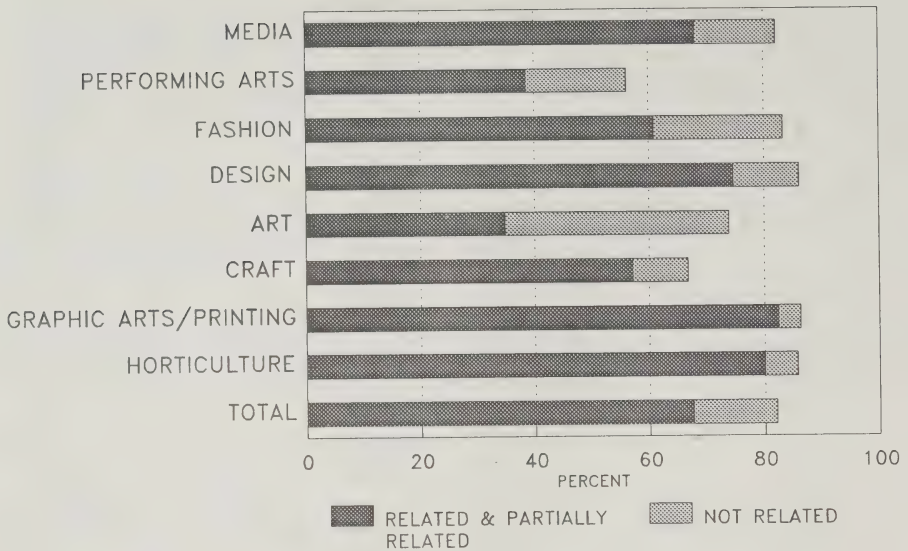
More than half the employed Visual and Creative Arts graduates found employment in the major occupation group of Artistic, Literary, Performing Arts, and Related Occupations.

At the more detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 6. This provides an indication of the types of occupations in which Visual and Creative Arts graduates can find employment. The five most common occupations are as follows:

- Advertising and Illustrating Artists
- Product and Interior Design
- Writers and Editors, Publication
- Photographers and Camera Operators
- Radio and TV Announcers

**FIGURE 8**

**GRADUATES EMPLOYED FULL-TIME,  
VISUAL AND CREATIVE ARTS PROGRAMS,  
NOVEMBER 1989**



**FIGURE 9**

**ANNUAL EARNINGS OF GRADUATES,  
VISUAL AND CREATIVE ARTS PROGRAMS,  
NOVEMBER 1989**

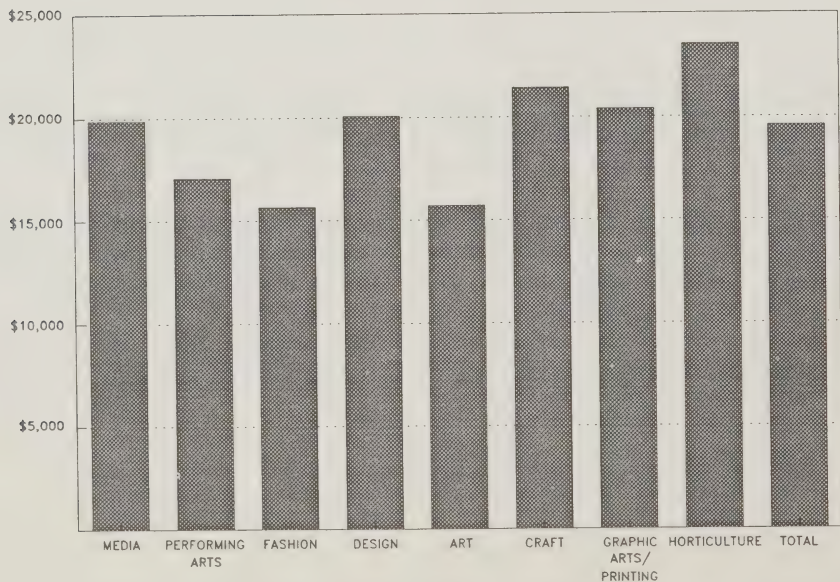




TABLE 4

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
VISUAL AND CREATIVE ARTS PROGRAMS,  
NOVEMBER 1989

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ENGLISH PROGRAMS										
MEDIA										
MUSIC INDUSTRY ARTS	2 YR	39	11	28.2	72.7	8	100.0	100.0	100.0	\$17,752
AUDIO-VISUAL TECHNICIAN	2 YR	60	40	66.7	87.5	35	85.7	71.4	51.4	\$18,901
FILM PRODUCTION	2 YR	11	10	90.9	100.0	10	90.0	90.0	50.0	\$19,501
PHOTOGRAPHY	2 YR	95	70	73.7	98.6	69	92.8	79.7	68.1	\$20,471
PHOTOGRAPHY - ADVANCED	3 YR	9	5	55.6	100.0	5	100.0	80.0	80.0	\$18,873
PHOTOJOURNALISM	2 YR	16	11	68.8	90.9	10	80.0	70.0	70.0	\$18,262
COMPUTER ANIMATION	P D	26	26	100.0	88.5	23	78.3	73.9	69.6	\$22,426
COMPUTER GRAPHICS	P D	17	17	100.0	82.4	14	100.0	92.9	85.7	\$26,634
BROADCASTING - RADIO AND TELEVISION	2 YR	251	153	61.0	90.8	139	89.2	82.7	65.5	\$18,103
BROADCASTING - RADIO AND TELEVISION	3 YR	108	85	78.7	98.8	84	95.2	84.5	75.0	\$20,690
BROADCASTING - RADIO	P D	13	11	84.6	90.9	10	80.0	80.0	30.0	--
JOURNALISM - PRINT AND BROADCASTING	2 YR	192	155	80.7	87.7	136	92.6	83.1	70.6	\$18,109
JOURNALISM - PRINT AND BROADCASTING	3 YR	55	39	70.9	94.9	37	94.6	86.5	67.6	\$19,103
TECHNICAL WRITER	3 YR	16	15	93.8	100.0	15	100.0	100.0	93.3	\$30,805
BOOK AND MAGAZINE PUBLISHING	2 YR	17	9	52.9	77.8	7	100.0	100.0	100.0	\$19,689
MEDIA ARTS	2 YR	35	35	100.0	85.7	30	90.0	76.7	46.7	\$24,305
FILM AND TELEVISION PRODUCTION	3 YR	27	24	88.9	100.0	24	83.3	70.8	62.5	\$19,634
TOTAL		987	716	72.5	91.6	656	91.2	82.2	67.8	\$19,869
PERFORMING ARTS										
MUSIC	3 YR	64	40	62.5	80.0	32	93.8	56.3	43.8	\$17,654
THEATRE ARTS - PRE-AUDITION	1 YR	10	0	0.0	--	--	--	--	--	--
THEATRE ARTS - PRODUCTION	2 YR	26	14	53.8	78.6	11	81.8	45.5	27.3	--
THEATRE ARTS	3 YR	40	15	37.5	53.3	8	75.0	37.5	37.5	--
MUSIC THEATRE - PERFORMANCE	3 YR	7	7	100.0	85.7	6	83.3	50.0	33.3	--
TOTAL		147	76	51.7	75.0	57	87.7	56.1	38.6	\$17,080

TABLE 4 (Cont'd)

ENGLISH PROGRAMS										
DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY	
		#	%	#	%					
FASHION										
2 YR	102	79	77.5	86.1	68	95.6	83.8	60.3	\$15,943	
3 YR	18	17	94.4	94.1	16	100.0	68.8	43.8	\$14,329	
2 YR	6	5	83.3	100.0	5	100.0	80.0	40.0	--	
1 YR	9	9	100.0	88.9	8	100.0	75.0	37.5	--	
2 YR	69	38	55.1	94.7	36	97.2	86.1	63.9	\$16,411	
2 YR	19	19	100.0	100.0	19	100.0	94.7	84.2	\$13,508	
2 YR	11	5	45.5	80.0	4	100.0	75.0	75.0	--	
TOTAL		172	73.5	90.7	156	97.4	83.3	60.9	\$15,675	
DESIGN										
3 YR	5	1	20.0	--	--	--	--	--	--	
3 YR	17	8	47.1	87.5	7	100.0	71.4	42.9	--	
3 YR	15	13	86.7	100.0	13	84.6	84.6	53.8	\$23,669	
2 YR	106	85	80.2	84.7	72	90.3	90.3	68.1	\$17,820	
3 YR	416	228	54.8	58.8	134	87.3	81.3	72.4	\$19,585	
3 YR	31	31	100.0	80.6	25	96.0	96.0	92.0	\$21,726	
2 YR	61	24	39.3	79.2	19	89.5	73.7	52.6	\$18,771	
3 YR	106	63	59.4	96.8	61	91.8	90.2	90.2	\$20,617	
2 YR	12	11	91.7	100.0	11	100.0	100.0	90.9	\$24,554	
3 YR	12	11	91.7	100.0	11	81.8	81.8	81.8	\$19,358	
TOTAL		475	60.8	74.5	354	89.8	85.9	74.6	\$19,983	
ART										
1 YR	108	99	91.7	21.2	21	100.0	71.4	14.3	--	
3 YR	32	18	56.3	77.8	14	92.9	71.4	42.9	\$14,948	
2 YR	72	12	16.7	91.7	11	100.0	81.8	63.6	\$17,240	
TOTAL		212	129	60.8	46	97.8	73.9	34.8	\$15,731	

TABLE 4 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%			
ENGLISH PROGRAMS									
CRAFT									
CERAMICS	2 YR	3	2	66.7	50.0	1	--	--	--
JEWELLERY ARTS	2 YR	1	--	--	--	--	--	--	--
JEWELLERY ARTS	3 YR	21	7	33.3	100.0	7	85.7	71.4	\$19,807
GEMOLOGY	1 YR	12	0	0.0	--	--	--	--	--
CRAFTS AND DESIGN	3 YR	13	11	84.6	72.7	8	100.0	75.0	\$22,440
JEWELLERY REPAIRS	3 YR	14	4	28.6	100.0	4	75.0	25.0	--
WATCH TECHNICIAN	2 YR	9	3	33.3	33.3	1	--	--	--
TOTAL		73	27	37.0	77.8	21	90.5	66.7	\$21,437
GRAPHIC ARTS/PRINTING									
GRAPHIC SIGN DESIGN AND PRODUCTION	2 YR	24	11	45.8	100.0	11	90.9	81.8	\$19,633
GRAPHIC ARTS REPROD. - PRODUCTION CO-ORD	3 YR	7	7	100.0	100.0	7	100.0	100.0	\$19,554
PRINTING TECHNICIAN	2 YR	28	22	78.6	100.0	22	90.9	72.7	\$19,144
PRINTING TECHNOLOGY	3 YR	26	14	53.8	78.6	11	100.0	90.9	\$23,311
TOTAL		85	54	63.5	94.4	51	94.1	86.3	\$20,406
HORTICULTURE									
HORTICULTURAL TECHNICIAN	2 YR	16	7	43.8	85.7	6	100.0	66.7	\$18,674
LANDSCAPE TECHNICIAN	2 YR	38	26	68.4	84.6	22	90.9	90.9	\$24,667
TOTAL		54	33	61.1	84.8	28	92.9	85.7	\$23,525
TOTAL ENGLISH PROGRAMS		2,573	1,682	65.4	81.4	1,369	91.7	82.0	\$19,512

TABLE 4 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY	
			#	%	#	%				
FRENCH PROGRAMS										
MEDIA										
PHOTOGRAPHY BROADCASTING - RADIO AND TELEVISION JOURNALISM - PRINT AND BROADCASTING	2 YR	7	6	85.7	100.0	6	100.0	83.3	66.7	\$14,687
	2 YR	16	10	62.5	100.0	10	100.0	70.0	70.0	\$24,586
	2 YR	7	7	100.0	71.4	5	100.0	100.0	80.0	\$17,207
TOTAL		30	23	76.7	91.3	21	100.0	81.0	71.4	\$20,356
DESIGN										
GRAPHIC DESIGN INTERIOR DESIGN	2 YR	16	15	93.8	100.0	15	100.0	93.3	80.0	\$21,774
	3 YR	11	11	100.0	100.0	11	81.8	81.8	72.7	\$21,135
	TOTAL	27	26	96.3	100.0	26	92.3	88.5	76.9	\$21,533
HORTICULTURE										
LANDSCAPE TECHNICIAN	2 YR	10	8	80.0	87.5	7	57.1	57.1	57.1	\$23,560
		10	8	80.0	87.5	7	57.1	57.1	57.1	\$23,560
	TOTAL									
TOTAL FRENCH PROGRAMS		67	57	85.1	94.7	54	90.7	81.5	72.2	\$21,247
BILINGUAL PROGRAMS										
MEDIA										
TRANSLATION SUPPORT TECHNIQUES	2 YR	7	4	57.1	100.0	4	100.0	100.0	100.0	\$21,192
		7	4	57.1	100.0	4	100.0	100.0	100.0	\$21,192
	TOTAL									
TOTAL BILINGUAL PROGRAMS		7	4	57.1	100.0	4	100.0	100.0	100.0	\$21,192
TOTAL VISUAL AND CREATIVE ARTS PROGRAMS		2,647	1,743	65.8	81.9	1,427	91.7	82.1	67.5	\$19,588

Note: See Appendix E for a list of abbreviations used in this table.

**TABLE 5**  
**DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,**  
**VISUAL AND CREATIVE ARTS PROGRAMS,**  
**NOVEMBER 1989**

<b>INDUSTRY*</b>	<b>EMPLOYED FULL-TIME</b>	<b>EMPLOYED PART-TIME</b>	<b>EMPLOYED TOTAL</b>	<b>% DISTRIBUTION</b>
TELECOMMUNICATION BROADCASTING INDUSTRIES	162	16	178	19.2
COMBINED PUBLISHING AND PRINTING INDUSTRIES	71	2	73	7.9
OTHER BUSINESS SERVICES	62	1	63	6.8
ADVERTISING SERVICES	53	2	55	5.9
COMMERCIAL PRINTING INDUSTRIES	43	4	47	5.1
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION	35	4	39	4.2
PUBLISHING INDUSTRIES	24	0	24	2.6
PHOTOGRAPHERS	21	1	22	2.4
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC & TECHNICAL PRODUCTION	17	1	18	1.9
GENERAL MERCHANDISE STORES	13	4	17	1.8
THEATRICAL AND OTHER STAGED ENTERTAINMENT	12	1	13	1.4
GENERAL ADMINISTRATIVE SERVICES	13	0	13	1.4
COMPUTER AND RELATED SERVICES	9	2	11	1.2
HUMAN RESOURCE ADMINISTRATION	10	1	11	1.2
PAPER BOX AND BAG INDUSTRIES	10	0	10	1.1
POSTSECONDARY NON-UNIVERSITY EDUCATION	6	4	10	1.1
WOMEN'S CLOTHING STORES	9	1	10	1.1
FOOD SERVICES	10	0	10	1.1
<b>SUB-TOTAL</b>	<b>580</b>	<b>44</b>	<b>624</b>	<b>67.2</b>
<b>OTHER</b>	<b>269</b>	<b>36</b>	<b>305</b>	<b>32.8</b>
<b>TOTAL**</b>	<b>849</b>	<b>80</b>	<b>929</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.



TABLE 6

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
VISUAL AND CREATIVE ARTS PROGRAMS,  
NOVEMBER 1989

OCCUPATION*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
ADVERTISING & ILLUSTRATING ARTISTS	173	4	177	16.2
PRODUCT & INTERIOR DESIGNERS	98	4	102	9.3
WRITERS & EDITORS, PUBLICATION	95	2	97	8.9
PHOTOGRAPHERS & CAMERA OPERATORS	60	2	62	5.7
RADIO & TV ANNOUNCERS	37	6	43	3.9
OCCUPATIONS IN PERFORMING & AUDIOVISUAL ARTS, N.E.C.	33	2	35	3.2
PRODUCERS & DIRECTORS, PERFORMING & AUDIOVISUAL ARTS	26	3	29	2.7
BARBERS, HAIRDRESSERS & RELATED OCCUPATIONS	23	2	25	2.3
SOUND & VIDEO RECORDING & REPRODUCTION EQUIPMENT OPERATORS	23	2	25	2.3
WRITERS & EDITORS: RADIO, TV, THEATRE & MOTION PICTURES	21	1	22	2.0
SALES CLERKS, COMMODITIES	14	6	20	1.8
SALES OCCUPATIONS, COMMODITIES, N.E.C.	17	2	19	1.7
NURSERY & RELATED WORKERS	18	0	18	1.7
RADIO & TV BROADCASTING EQUIPMENT OPERATORS	15	0	15	1.4
SECRETARIES & STENOGRAPHERS	13	1	14	1.3
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	13	0	13	1.2
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK	12	1	13	1.2
PRINTING & RELATED OCCUPATIONS, N.E.C.	10	1	11	1.0
FINE ARTS TEACHERS	2	9	11	1.0
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	11	0	11	1.0
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	11	0	11	1.0
MUSICIANS	8	2	10	0.9
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	8	2	10	0.9
EDP EQUIPMENT OPERATORS	9	1	10	0.9
<b>SUB-TOTAL</b>	<b>750</b>	<b>53</b>	<b>803</b>	<b>73.5</b>
<b>OTHER</b>	<b>261</b>	<b>29</b>	<b>290</b>	<b>27.6</b>
<b>TOTAL**</b>	<b>1,011</b>	<b>82</b>	<b>1,093</b>	<b>100.0</b>

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.

## B. SOCIAL SERVICES PROGRAMS

This section discusses programs in the following fields:

- Law and Security
- Library
- Education
- Child/Youth Worker
- Developmental Services Worker
- Recreation Fitness
- Public Relations
- Social Services
- Upgrading/Preparatory

### 1. Number of Graduates

In May 1989, the total number of Social Services graduates was 4,795, or 21.6 per cent of the total number of college graduates in Ontario. Of these, 4,563 graduates were enrolled in English-language programs, 146 were enrolled in French-language programs, and 86 in Bilingual programs (Table 7).

Almost two-thirds of the graduates in this program area were enrolled in the following three fields:

- Education
- Law and Security
- Social Services

### 2. Employment Status of Graduates

Six months after graduation, 91.6 per cent of the Social Services graduates in the labour force were employed. The unemployment rate for this group was (8.4 per cent), which is higher than the average unemployment rate for all college graduates (7.2 per cent).

Graduates who had enrolled in the Education, Child/Youth Worker, and Developmental Services Worker fields had employment rates that were higher than the average for this program area.

At the time of the survey, more than 10 per cent of the Law and Security and Library Technician graduates in the labour force were still looking for work.

### 3. Relationship Between Job and Program of Study

The proportion of Social Services graduates in the labour force employed in full-time jobs related to their program of study was 66.1 per cent. The comparable figure for all college graduates was 72.9 per cent.

Among students who had enrolled in Education, Youth/Child Worker, and Developmental Services Worker programs, almost three out of four graduates in the labour force were employed full-time in jobs related to their fields.

Slightly over half of the Law and Security graduates in the labour force found full-time jobs related to their program of study.

**4. Annual Earnings of Graduates**

The average annual earnings for Social Services graduates were \$20,522, which is below the average salary for all college graduates.

The average annual starting salary for Education graduates was \$18,491.

**5. Industry Sectors**

The major industry sectors employing Social Services graduates were:

- Health and Social Services 50%
- Public Administration 16%

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 8. This provides an indication of the types of industries hiring graduates from the Social Services programs. The top five industries are as follows:

- Non-Institutional Social Services
- Other Institutional Health and Social Services
- Protective Services
- Human Resource Administration
- Elementary and Secondary Education

**6. Occupations**

Employed graduates from the Social Services area found jobs in the following three major occupation groups:

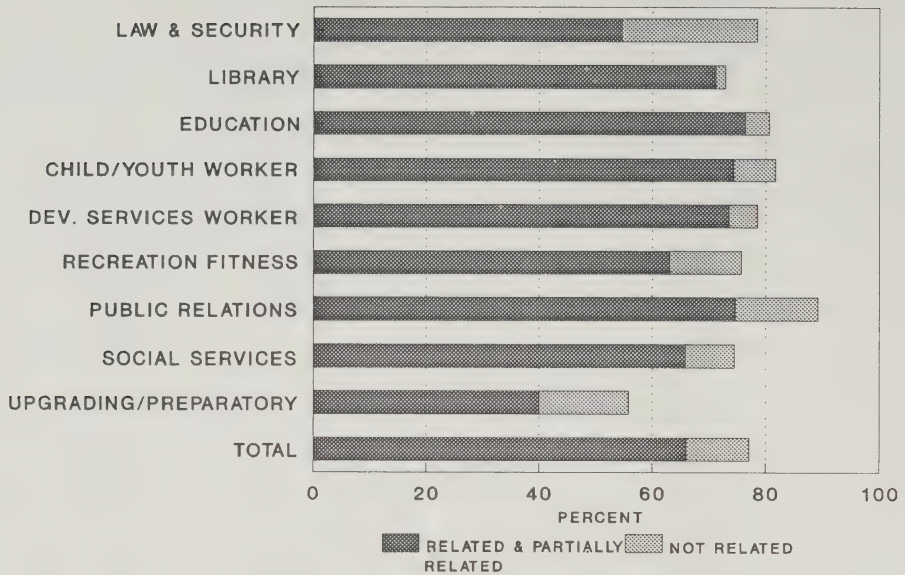
- Social Sciences 32.6%
- Teaching and Related 26.4%
- Services 17.2%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 9. This provides an indication of the types of occupations in which graduates from the Social Service programs can find employment. The most common occupations are as follows:

- Elementary and Kindergarten Teachers: (Pre-School Teacher and Day-Care Worker Assistant)
- Occupations in Welfare and Community Services
- Guard and Related Security Occupations
- Social Workers

FIGURE 10

**GRADUATES EMPLOYED FULL-TIME,  
SOCIAL SERVICES PROGRAMS,  
NOVEMBER 1989**



**FIGURE 11  
ANNUAL EARNINGS OF GRADUATES,  
SOCIAL SERVICES PROGRAMS,  
NOVEMBER 1989**

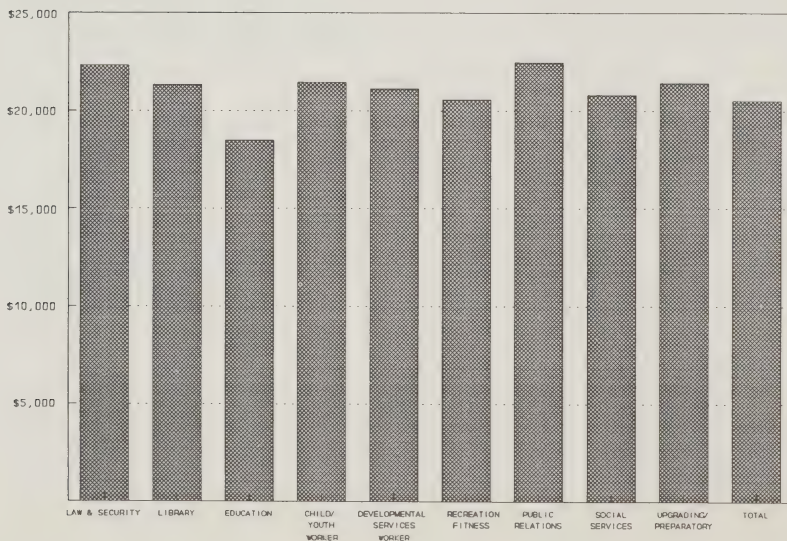




TABLE 7  
EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
SOCIAL SERVICES PROGRAMS,  
NOVEMBER 1989

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ENGLISH PROGRAMS										
LAW AND SECURITY										
PROTECTIVE SECURITY	1 YR	12	9	75.0	44.4	4	100.0	75.0	75.0	--
SECURITY SYSTEMS IMPLEMENTATION & DESIGN	2 YR	9	9	100.0	100.0	9	66.7	66.7	44.4	\$25,157
SPECIAL CONSTABLE	1 YR	11	11	100.0	81.8	9	33.3	33.3	22.2	--
LAW AND SECURITY ADMINISTRATION	2 YR	870	577	66.3	91.2	526	89.5	80.0	55.1	\$22,390
NATURAL RESOURCES TECHY - LAW ENFORCE.	P D	21	21	100.0	90.5	19	78.9	78.9	73.7	\$23,525
TOTAL		923	627	67.9	90.4	567	88.0	79.0	55.2	\$22,389
LIBRARY										
LIBRARY TECHNICIAN	2 YR	87	56	64.4	94.6	53	88.7	69.8	67.9	\$20,551
TOTAL		87	56	64.4	94.6	53	88.7	69.8	67.9	\$20,551
EDUCATION										
EARLY CHILDHOOD EDUCATION	2 YR	973	687	70.6	90.8	624	96.0	83.2	78.8	\$18,556
INFANT AND TODDLER CARE	P D	3	3	100.0	100.0	3	66.7	66.7	66.7	--
EARLY CHILDHOOD EDUC. - SPECIAL NEEDS	P D	17	17	100.0	88.2	15	100.0	93.3	93.3	\$18,278
EDUCATIONAL ASSISTANT	2 YR	8	8	100.0	100.0	8	87.5	75.0	75.0	\$19,615
TEACHER AIDE	2 YR	50	45	90.0	84.4	38	78.9	31.6	26.3	\$15,201
EDUCATIONAL RESOURCES & SPECIAL NEEDS	2 YR	25	19	76.0	89.5	17	94.1	82.4	82.4	\$17,232
TOTAL		1,076	779	72.4	90.5	705	94.9	80.4	76.3	\$18,470

TABLE 7 (Cont'd)

	DURATION	TOTAL GRADE	TOTAL IN THE SURVEY		GRADE IN LABOUR FORCE		PER CENT WORKING	PER CENT FULL- TIME	PER CENT FULL- TIME IN JOB	AVERAGE ANNUAL SALARY
			\$	%	\$	#				
<b>ENGLISH PROGRAMS</b>										
<b>CHILD/YOUTH WORKER</b>										
	2 YR	21	16	76.2	93.8	15	100.0	80.0	73.3	\$21,139
	3 YR	208	162	77.9	92.6	150	98.0	82.0	74.0	\$21,551
<b>TOTAL</b>		<b>229</b>	<b>178</b>	<b>77.7</b>	<b>92.7</b>	<b>165</b>	<b>98.2</b>	<b>81.8</b>	<b>73.9</b>	<b>\$21,512</b>
<b>DEVELOPMENTAL SERVICES WORKER</b>										
	2 YR	269	183	68.0	94.0	172	95.3	80.2	75.6	\$21,183
	P D	6	6	100.0	66.7	4	100.0	100.0	75.0	--
<b>TOTAL</b>		<b>275</b>	<b>189</b>	<b>68.7</b>	<b>93.1</b>	<b>176</b>	<b>95.5</b>	<b>80.7</b>	<b>75.6</b>	<b>\$21,182</b>
<b>RECREATION FITNESS</b>										
	2 YR	15	15	100.0	100.0	15	100.0	93.3	93.3	\$22,420
	2 YR	287	197	68.6	89.3	176	90.3	75.6	61.9	\$20,553
	2 YR	27	10	37.0	100.0	10	100.0	90.0	80.0	\$17,674
	P D	12	11	91.7	90.9	10	90.0	50.0	50.0	\$17,796
	2 YR	33	18	54.5	88.9	16	93.8	62.5	43.8	\$22,925
	3 YR	7	6	85.7	100.0	6	83.3	83.3	66.7	\$18,468
	2 YR	44	22	50.0	90.9	20	85.0	80.0	65.0	\$22,039
<b>TOTAL</b>		<b>425</b>	<b>279</b>	<b>65.6</b>	<b>90.7</b>	<b>253</b>	<b>90.9</b>	<b>75.9</b>	<b>63.2</b>	<b>\$20,621</b>
<b>PUBLIC RELATIONS</b>										
	2 YR	19	17	89.5	94.1	16	93.8	87.5	68.8	\$24,414
	3 YR	25	24	96.0	87.5	21	95.2	90.5	81.0	\$21,680
	P D	58	49	84.5	93.9	46	91.3	89.1	73.9	\$22,185
<b>TOTAL</b>		<b>102</b>	<b>90</b>	<b>88.2</b>	<b>92.2</b>	<b>83</b>	<b>92.8</b>	<b>89.2</b>	<b>74.7</b>	<b>\$22,472</b>

TABLE 7 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	\$	#	\$				
ENGLISH PROGRAMS										
SOCIAL SERVICES										
COMMUNITY WORKER	2 YR	54	29	53.7	75.9	22	77.3	68.2	54.5	\$22,598
NATIVE COMMUNITY CARE COUNSELLING & DEVEL	2 YR	37	27	73.0	96.3	26	100.0	100.0	92.3	\$17,250
CORRECTIONAL WORKER	2 YR	158	124	78.5	92.7	115	90.4	79.1	62.6	\$22,779
APPLIED RESEARCH	2 YR	8	8	100.0	87.5	7	100.0	100.0	71.4	\$24,975
BEHAVIOURAL SCIENCE TECHNICIAN	2 YR	22	7	31.8	85.7	6	100.0	66.7	66.7	\$23,317
BEHAVIOURAL SCIENCE TECHNOLOGY	3 YR	20	16	80.0	93.8	15	100.0	73.3	66.7	\$19,822
SOCIAL SERVICE WORKER	2 YR	485	367	75.7	87.5	321	90.7	73.8	67.3	\$20,719
NATIVE CHILD AND FAMILY WORKER	3 YR	7	2	28.6	50.0	1	--	--	--	--
REHABILITATION WORKER	2 YR	16	16	100.0	100.0	16	100.0	68.8	56.3	\$19,911
ACTIVATION CO-ORDINATOR	2 YR	40	33	82.5	93.9	31	83.9	61.3	54.8	\$20,719
SIGN LANGUAGE COMMUNICATOR	2 YR	34	6	17.6	83.3	5	100.0	80.0	60.0	--
SIGN LANGUAGE INTERPRETER	3 YR	5	5	100.0	100.0	5	100.0	80.0	80.0	\$19,853
HUMAN SERVICES COUNSELLOR	2 YR	58	28	48.3	71.4	20	75.0	35.0	35.0	\$23,074
NATIVE COUNSELLOR	1 YR	1	--	--	--	--	--	--	--	--
DAY CARE ASSISTANT	1 YR	39	31	79.5	83.9	26	96.2	88.5	80.8	\$15,421
NATIVE RECREATION WORKER	1 YR	3	3	100.0	66.7	2	100.0	100.0	100.0	--
TOTAL		987	703	71.2	88.1	619	90.8	74.8	65.9	\$20,713
UPGRADING/PREPARATORY										
PRE-HEALTH SCIENCE	1 YR	76	29	38.2	96.6	28	100.0	82.1	82.1	\$28,353
PRE-HEALTH SCIENCE	1 YR	49	0	0.0	--	--	--	--	--	--
GENERAL VOCATIONAL PREPARATION	1 YR	46	41	89.1	34.1	14	71.4	35.7	21.4	--
GENERAL ARTS AND SCIENCE	2 YR	241	135	56.0	54.8	74	86.5	50.0	27.0	\$17,262
GENERAL ARTS AND SCIENCE - ADVANCED	3 YR	5	5	100.0	60.0	3	66.7	--	--	--
COLLEGE VOCATIONAL	1 YR	18	8	44.4	75.0	6	66.7	50.0	33.3	--
COLLEGE VOCATIONAL	2 YR	10	8	80.0	100.0	8	87.5	50.0	50.0	\$14,349
COLLEGE VOCATIONAL	3 YR	14	8	57.1	37.5	3	100.0	66.7	66.7	--
TOTAL		459	234	51.0	58.1	136	86.8	54.4	39.7	\$22,127
TOTAL ENGLISH PROGRAMS										
		4,563	3,135	68.7	87.9	2,757	91.8	77.3	66.2	\$20,522

TABLE 7 (Cont'd)

TABLE 7 (CONT'D)									
DURATION	TOTAL GRADES	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	%	#	%				
FRENCH PROGRAMS									
LAW AND SECURITY									
2 YR	25	20	80.0	90.0	18	88.9	72.2	38.9	\$19,309
	TOTAL	25	20	80.0	90.0	18	88.9	72.2	\$19,309
LIBRARY									
2 YR	8	8	100.0	75.0	6	100.0	100.0	100.0	\$26,869
	TOTAL	8	8	100.0	75.0	6	100.0	100.0	\$26,869
EDUCATION									
2 YR	25	23	92.0	73.9	17	100.0	100.0	94.1	\$19,516
	TOTAL	25	23	92.0	73.9	17	100.0	94.1	\$19,516
CHILD/YOUTH WORKER									
3 YR	8	8	100.0	100.0	8	87.5	75.0	75.0	\$21,758
	TOTAL	8	8	100.0	100.0	8	87.5	75.0	\$21,758
DEVELOPMENTAL SERVICES WORKER									
2 YR	15	14	93.3	100.0	14	78.6	50.0	50.0	\$20,157
	TOTAL	15	14	93.3	100.0	14	78.6	50.0	\$20,157
RECREATION FITNESS									
2 YR	11	9	81.8	77.8	7	100.0	71.4	57.1	\$18,859
	TOTAL	11	9	81.8	77.8	7	100.0	71.4	\$18,859

TABLE 7 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT FULL-TIME WORKING	PER CENT FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
FRENCH PROGRAMS										
SOCIAL SERVICES										
	2 YR	10	6	60.0	100.0	6	100.0	83.3	83.3	\$21,873
	2 YR	13	6	46.2	100.0	6	100.0	66.7	50.0	--
	2 YR	16	14	87.5	85.7	12	83.3	75.0	75.0	\$23,553
	TOTAL	39	26	66.7	92.3	24	91.7	75.0	70.8	\$22,106
UPGRADING/PREPARATORY										
	2 YR	4	3	75.0	0.0	0	--	--	--	--
	2 YR	11	10	90.9	90.0	9	77.8	77.8	44.4	\$12,693
		15	13	86.7	69.2	9	77.8	77.8	44.4	\$12,693
	TOTAL	146	121	82.9	85.1	103	90.3	76.7	65.0	\$20,574
BILINGUAL PROGRAMS										
LAW AND SECURITY										
	2 YR	16	10	62.5	100.0	10	90.0	60.0	50.0	\$21,318
		16	10	62.5	100.0	10	90.0	60.0	50.0	\$21,318
EDUCATION										
	2 YR	26	24	92.3	79.2	19	94.7	73.7	63.2	\$18,075
		26	24	92.3	79.2	19	94.7	73.7	63.2	\$18,075
CHILD/YOUTH WORKER										
	2 YR	6	5	83.3	100.0	5	100.0	80.0	80.0	\$20,943
	3 YR	2	2	100.0	100.0	2	100.0	100.0	100.0	--
		8	7	87.5	100.0	7	100.0	85.7	85.7	\$20,262



TABLE 7 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME IN JOB	AVERAGE ANNUAL SALARY
		#	%	#	%			
BILINGUAL PROGRAMS								
DEVELOPMENTAL SERVICES WORKER								
2 YR	7	6	85.7	100.0	6	100.0	66.7	\$20,477
TOTAL	7	6	85.7	100.0	6	100.0	66.7	\$20,477
SOCIAL SERVICES								
2 YR	12	8	66.7	87.5	7	85.7	85.7	\$26,349
2 YR	17	15	88.2	80.0	12	50.0	41.7	\$17,579
TOTAL	29	23	79.3	82.6	19	63.2	57.9	\$22,363
TOTAL BILINGUAL PROGRAMS	86	70	81.4	87.1	61	85.2	62.3	\$20,402
TOTAL SOCIAL SERVICES PROGRAMS	4,795	3,326	69.4	87.8	2,921	91.6	66.1	\$20,522

Note: See Appendix E for a list of abbreviations used in this table.

TABLE 8

**DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
SOCIAL SERVICES PROGRAMS,  
NOVEMBER 1989**

<b>INDUSTRY*</b>	<b>EMPLOYED FULL-TIME</b>	<b>EMPLOYED PART-TIME</b>	<b>EMPLOYED TOTAL</b>	<b>\$ DISTRIB- UTION</b>
NON-INSTITUTIONAL SOCIAL SERVICES	545	55	600	28.2
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	248	42	290	13.6
PROTECTIVE SERVICES	119	11	130	6.1
HUMAN RESOURCE ADMINISTRATION	81	14	95	4.5
ELEMENTARY AND SECONDARY EDUCATION	60	30	90	4.2
HOSPITALS	69	19	88	4.1
OTHER BUSINESS SERVICES	73	6	79	3.7
GENERAL ADMINISTRATIVE SERVICES	58	8	66	3.1
SPORTS AND RECREATION CLUBS AND SERVICES	38	4	42	2.0
HEALTH AND SOCIAL SERVICE ASSOCIATIONS & AGENCIES	31	7	38	1.8
FOOD SERVICES	24	10	34	1.6
GENERAL MERCHANDISE STORES	25	8	33	1.6
ECONOMIC SERVICES ADMINISTRATION	29	2	31	1.5
POSTSECONDARY NON-UNIVERSITY EDUCATION	13	13	26	1.2
CIVIC AND FRATERNAL ORGANIZATIONS	19	7	26	1.2
ADVERTISING SERVICES	21	2	23	1.1
NON-INSTITUTIONAL HEALTH SERVICES	14	6	20	0.9
FOOD STORES	8	12	20	0.9
HEALTH AND SOCIAL SERVICE INDUSTRIES	11	5	16	0.8
HOTELS, MOTELS AND TOURIST COURTS	15	1	16	0.8
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	10	1	11	0.5
<b>SUB-TOTAL</b>	<b>1,511</b>	<b>263</b>	<b>1,774</b>	<b>83.3</b>
<b>OTHER</b>	<b>311</b>	<b>44</b>	<b>355</b>	<b>16.7</b>
<b>TOTAL**</b>	<b>1,822</b>	<b>307</b>	<b>2,129</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 9

**DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
SOCIAL SERVICES PROGRAMS,  
NOVEMBER 1989**

<b>OCCUPATION*</b>	<b>EMPLOYED FULL-TIME</b>	<b>EMPLOYED PART-TIME</b>	<b>EMPLOYED TOTAL</b>	<b>\$ DISTRIBUTION</b>
ELEMENTARY & KINDERGARTEN TEACHERS**	468	57	525	21.7
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	373	62	435	18.0
GUARDS & RELATED SECURITY OCCUPATIONS	166	13	179	7.4
SOCIAL WORKERS	119	16	135	5.6
OTHER OCCUPATIONS IN SOCIAL SCIENCE & RELATED FIELDS, N.E.C.	82	16	98	4.1
POLICE OFFICERS & DETECTIVES, GOVERNMENT	90	4	94	3.9
EDUCATIONAL & VOCATIONAL COUNSELLORS	56	22	78	3.2
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	46	19	65	2.7
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION	52	3	55	2.3
CHILD-CARE OCCUPATIONS	47	6	53	2.2
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK	36	2	38	1.6
POLICE AGENTS & INVESTIGATORS, PRIVATE	29	3	32	1.3
TECHNICIANS IN LIBRARY, MUSEUM & ARCHIVAL SCIENCES	24	7	31	1.3
SALES CLERKS, COMMODITIES	21	8	29	1.2
TEACHERS OF EXCEPTIONAL STUDENTS, N.E.C.	23	3	26	1.1
TELLERS & CASHIERS	13	9	22	0.9
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT	16	5	21	0.9
NURSES, GRADUATE, EXCEPT SUPERVISORS	19	1	20	0.8
FOOD & BEVERAGE PREPARATION & RELATED SERVICE OCCUPATIONS	12	8	20	0.8
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	15	5	20	0.8
GENERAL OFFICE CLERKS	14	5	19	0.8
COACHES, TRAINERS, INSTRUCTORS & MANAGERS, SPORT & RECREATION	12	6	18	0.7
OFFICIALS & ADMINISTRATORS UNIQUE TO GOVERNMENT, N.E.C.	15	0	15	0.6
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	14	1	15	0.6
LIBRARY & FILE CLERKS	12	1	13	0.5
RECEPTIONISTS & INFORMATION CLERKS	12	1	13	0.5
SECRETARIES & STENOGRAPHERS	11	1	12	0.5
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	9	2	11	0.5
NURSING ATTENDANTS	4	6	10	0.4
<b>SUB-TOTAL</b>	<b>1,777</b>	<b>292</b>	<b>2,092</b>	<b>87.1</b>
<b>OTHER</b>	<b>305</b>	<b>41</b>	<b>323</b>	<b>13.0</b>
<b>TOTAL***</b>	<b>2,082</b>	<b>333</b>	<b>2,415</b>	<b>100.0</b>

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* In this unit group, the specific occupations that college graduates find employment in are: Pre-School Teacher and Day-Care Worker Assistant.

\*\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.

## C. HEALTH TECHNOLOGY PROGRAMS

This section discusses programs in the following fields:

- Animal Care
- Health Technology such as:
  - Radiography
  - Medical Laboratory Technology
  - Dental Technology
  - Chiropody
- Health Miscellaneous

### 1. Number of Graduates

In winter 1989, 5.7 per cent of the college graduates in Ontario were enrolled in Health Technology programs. 1,228 students graduated from English-language programs, 12 from French-language programs, and 26 from Bilingual programs (Table 10).

### 2. Employment Status of Graduates

Six months after graduation, 95.2 per cent of the Health Technology graduates in the labour force were employed; only 4.8 per cent were unemployed, compared with the overall unemployment rate of 7.2 per cent.

### 3. Relationship Between Job and Program of Study

On average, 77.9 per cent of the Health Technology graduates in the labour force were employed in full-time jobs related to their program of study.

Specific programs with more than 85 per cent of the graduates in the labour force employed in full-time jobs related to their studies included:

- Funeral Services
- Animal Care ( 2-year and 3-year)
- Pharmacy Assistant
- Orthotic/Prosthetic Technician

Programs in which fewer than 60 per cent of the graduates in the labour force were employed in related full-time jobs include:

- Medical Laboratory Technology
- Chiropody
- Dental Hygiene - Expanded Duties
- Equine Studies - Horse Care and Equine Skills

#### 4. Annual Earnings of Graduates

Overall, graduates from the Health Technology programs were the second-highest-paid group and earned an average annual salary of \$24,843. Some programs within this area commanded much higher salaries. For example, Dental Hygiene graduates earned \$44,825, Denture Therapy graduates earned \$36,329, and Chiropody graduates earned \$30,904.

#### 5. Industry Sectors

About 80 per cent of the graduates who were working at the time of the survey were employed in the Health and Social Service industries.

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 11. This provides an indication of the types of industries hiring graduates from the Health Technology programs. The top five industries are as follows:

- Offices of Physicians, Surgeons, and Dentists
- Non-Institutional Health Services
- Hospitals
- Funeral Services
- Services Incidental to Livestock and Animal Specialties

#### 6. Occupations

Health Technology graduates were concentrated in the major occupational group of Medicine and Health (85 per cent).

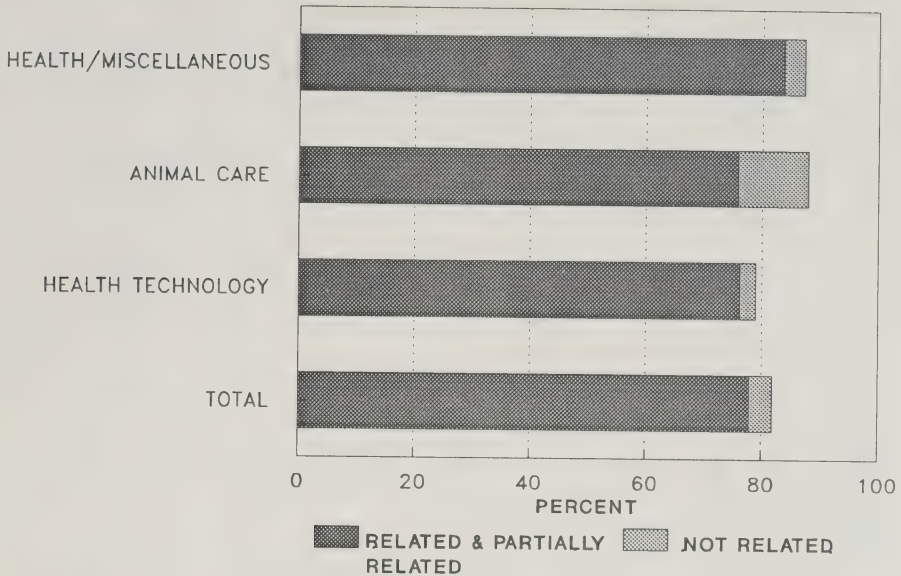
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 12. This provides an indication of the types of occupations in which graduates from the Health Technology programs can find employment. The most common occupations include:

- Denturists, Dental Hygienists, and Dental Assistants
- Nursing, Therapy, and Related Assisting Occupations
- Funeral Directors, Embalmers and Related Occupations
- Medical Laboratory Technologists and Technicians



**FIGURE 12**

**GRADUATES EMPLOYED FULL-TIME,  
HEALTH TECHNOLOGY PROGRAMS,  
NOVEMBER 1989**



**FIGURE 13**

**ANNUAL EARNINGS OF GRADUATES,  
HEALTH TECHNOLOGY PROGRAMS,  
NOVEMBER 1989**

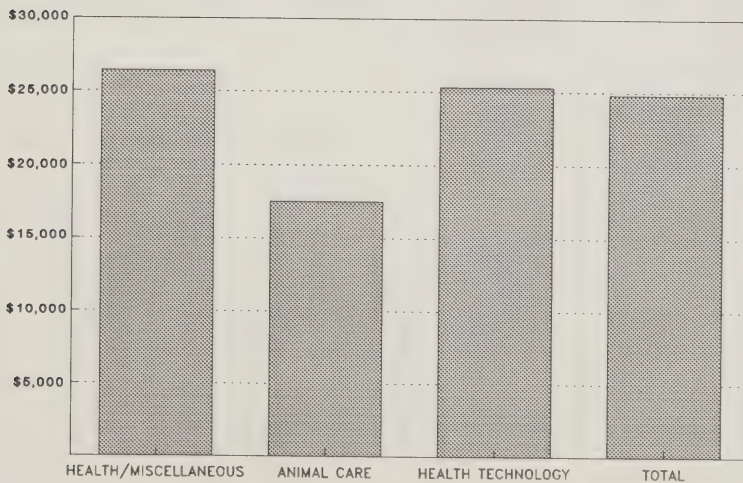


TABLE 10  
EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
HEALTH TECHNOLOGY PROGRAMS,  
NOVEMBER 1989

NOVEMBER 1969										
ENGLISH PROGRAMS	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ANIMAL CARE										
ANIMAL CARE	1 YR	31	31	100.0	27	87.1	92.6	88.9	66.7	\$14,298
ANIMAL HEALTH TECHNICIAN	2 YR	47	25	53.2	24	96.0	95.8	95.8	95.8	\$17,244
ANIMAL CARE TECHNOLOGY	3 YR	27	23	85.2	23	100.0	100.0	95.7	91.3	\$20,055
EQUINE STUDIES-HORSE CARE & EQUINE SKILLS	1 YR	16	15	93.8	9	60.0	77.8	44.4	22.2	---
EQUINE STUDIES	2 YR	15	12	80.0	8	66.7	87.5	87.5	62.5	\$21,821
TOTAL		136	106	77.9	91	85.8	93.4	87.9	75.8	\$17,523
HEALTH TECHNOLOGY										
OCCUPATIONAL THERAPY	3 YR	1	--	--	--	--	--	--	--	---
RADIOGRAPHY	2 YR	1	--	--	--	--	--	--	--	---
DENTAL TECHNOLOGY	3 YR	13	8	61.5	8	100.0	100.0	75.0	75.0	\$20,017
MEDICAL LABORATORY TECHNOLOGY	3 YR	63	55	87.3	53	96.4	86.8	64.2	58.5	\$28,412
CHIROPODY	3 YR	28	19	67.9	19	100.0	78.9	57.9	57.9	\$30,904
PHARMACY ASSISTANT	1 YR	94	71	75.5	67	94.4	97.0	86.6	86.6	\$22,046
ORTHOTIC/PROSTHETIC TECHNICIAN	2 YR	27	17	63.0	14	82.4	100.0	92.9	85.7	\$27,771
DENTURE THERAPY	3 YR	15	5	33.3	5	100.0	100.0	80.0	80.0	\$36,329
DENTAL ASSISTANT	1 YR	435	287	66.0	271	94.4	96.3	83.0	79.7	\$18,619
DENTAL HYGIENE	2 YR	162	88	54.3	86	97.7	100.0	75.6	75.6	\$44,825
DENTAL HYGIENE - EXPANDED DUTIES	P D	18	7	38.9	7	100.0	100.0	57.1	57.1	\$53,845
TOTAL		857	557	65.0	530	95.2	95.7	79.6	76.8	\$25,106
HEALTH-MISCELLANEOUS										
COMMUNITY GERONTOLOGY	2 YR	17	17	100	13	76.5	84.6	61.5	61.5	\$18,284
AMBULANCE AND EMERGENCY CARE	1 YR	153	132	86.3	129	97.7	96.9	86.8	83.7	\$28,537
FUNERAL SERVICE EDUCATION	2 YR	65	63	96.9	59	93.7	98.3	94.9	89.8	\$23,030
TOTAL		235	212	90.2	201	94.8	96.5	87.6	84.1	\$26,428
TOTAL ENGLISH PROGRAMS		1,228	875	71.3	822	93.9	95.6	82.5	78.5	\$24,693

TABLE 10 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME RELATED JOB	AVERAGE ANNUAL SALARY
		#	%	#	%			
<b>FRENCH PROGRAMS</b>								
<b>HEALTH TECHNOLOGY</b>								
3 YR	11	11	100.0	81.8	9	66.7	44.4	\$26,855
1 YR	1	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>12</b>	<b>12</b>	<b>100.0</b>	<b>83.3</b>	<b>10</b>	<b>70.0</b>	<b>50.0</b>	<b>\$24,313</b>
<b>TOTAL FRENCH PROGRAMS</b>	<b>12</b>	<b>12</b>	<b>100.0</b>	<b>83.3</b>	<b>10</b>	<b>70.0</b>	<b>50.0</b>	<b>\$24,313</b>
<b>BILINGUAL PROGRAMS</b>								
<b>HEALTH TECHNOLOGY</b>								
1 YR	7	6	85.7	50.0	3	100.0	100.0	--
2 YR	12	11	91.7	100.0	11	90.9	63.6	\$41,823
<b>TOTAL</b>	<b>19</b>	<b>17</b>	<b>89.5</b>	<b>82.4</b>	<b>14</b>	<b>92.9</b>	<b>71.4</b>	<b>\$34,438</b>
<b>HEALTH-MISCELLANEOUS</b>								
1 YR	7	2	28.6	100.0	2	50.0	50.0	--
<b>TOTAL</b>	<b>7</b>	<b>2</b>	<b>28.6</b>	<b>100.0</b>	<b>2</b>	<b>50.0</b>	<b>50.0</b>	<b>--</b>
<b>TOTAL BILINGUAL PROGRAMS</b>	<b>26</b>	<b>19</b>	<b>73.1</b>	<b>84.2</b>	<b>16</b>	<b>87.5</b>	<b>68.8</b>	<b>\$33,392</b>
<b>TOTAL HEALTH TECHNOLOGY PROGRAMS</b>	<b>1,266</b>	<b>906</b>	<b>71.6</b>	<b>93.6</b>	<b>848</b>	<b>95.2</b>	<b>81.8</b>	<b>\$24,843</b>

Note: See Appendix E for a list of abbreviations used in this table.

TABLE 11

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HEALTH TECHNOLOGY PROGRAMS,  
NOVEMBER 1989

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIBUTION
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	249	44	293	42.0
NON-INSTITUTIONAL HEALTH SERVICES	128	15	143	20.5
HOSPITALS	83	17	100	14.3
FUNERAL SERVICES	53	1	54	7.7
SERVICES INCIDENTAL TO LIVESTOCK AND ANIMAL SPECIALTIES	33	0	33	4.7
MEDICAL AND OTHER HEALTH LABORATORIES	15	4	19	2.7
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	13	0	13	1.9
<b>SUB-TOTAL</b>	<b>574</b>	<b>81</b>	<b>655</b>	<b>93.9</b>
<b>OTHER</b>	<b>38</b>	<b>5</b>	<b>43</b>	<b>6.2</b>
<b>TOTAL**</b>	<b>612</b>	<b>86</b>	<b>698</b>	<b>100.0</b>

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\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 12

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HEALTH TECHNOLOGY PROGRAMS,  
NOVEMBER 1989

OCCUPATION*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIBUTION
DENTURISTS, DENTAL HYGIENISTS, DENTAL ASSISTANTS	302	50	352	46.8
OTHER OCCUPATIONS IN MEDICINE & HEALTH, N.E.C.	114	3	117	15.6
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS	97	11	108	14.4
FUNERAL DIRECTORS, EMBALMERS & RELATED OCCUPATIONS	53	1	54	7.2
MEDICAL LABORATORY TECHNOLOGISTS & TECHNICIANS	29	10	39	5.2
HEALTH DIAGNOSING & TREATING OCCUPATIONS, N.E.C.	11	3	14	1.9
SUB-TOTAL	606	78	684	91.0
OTHER	57	11	68	9.0
TOTAL**	663	89	752	100.0

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.



## D. NURSING AND RELATED PROGRAMS

This section discusses programs in the following fields:

- Nursing
- Nursing Assistant
- Postdiploma programs in Nursing

### 1. Number of Graduates

The total number of graduates from Nursing and Related programs in Winter 1989 was 1,690, or 7.6 per cent of the total number of college graduates in Ontario. Of these, 1,635 were in English-language programs, 38 in French-language programs, and 17 in Bilingual programs (Table 13).

### 2. Employment Status of Graduates

Almost all of the graduates from Nursing and Related programs were working six months after graduation. The employment rate for this group during the week of the survey was 98.4 per cent, compared with 92.8 per cent for all college graduates.

### 3. Relationship of Job to Program of Study

On average, 77.4 per cent of the Nursing and Related graduates in the labour force were employed full-time in jobs related to their programs of study, compared with 72.9 per cent for the rest of the graduates. An even higher proportion of graduates from the three-year Nursing program (83.2 per cent) were in related full-time jobs.

### 4. Annual Earnings of Graduates

Graduates of Nursing and Related programs were the highest-paid-group, earning an average annual salary of \$30,323. Their salary was 38 per cent higher than the average salary for all graduates.

### 5. Industry Sectors

Almost all of the graduates from Nursing and Related programs (98 per cent) were employed in the Health and Social Services industries.

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 14. This provides an indication of the types of industries hiring graduates from Nursing and Related programs. The four most common industries are as follows:

- Hospitals
- Other Institutional Health and Social Services
- Health and Social Services Industries
- Non-Institutional Health Services

## 6. Occupations

Almost all the Nursing and Related graduates (99 per cent) found jobs in the major occupation group, Medicine and Health.

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 15. This provides an indication of the types of occupations in which graduates from the Nursing and Related programs can find employment. The top four occupations are as follows:

- Nurses, Graduate, except Supervisors
- Registered Nursing Assistants
- Supervisors, Nursing Occupations
- Nursing Assistants

TABLE 13

**EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
NURSING AND RELATED PROGRAMS,  
NOVEMBER 1989**

NOVEMBER, 1969										
	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ENGLISH PROGRAMS										
HEALTH-NURSING RELATED										
NURSING	3 YR	1,234	977	79.2	97.7	955	98.8	83.6	83.2	\$31,562
NURSING ASSISTANT	1 YR	335	226	67.5	93.8	212	95.8	54.2	51.9	\$21,529
REGISTERED NURSE - REFRESHER	P D	18	0	0.0	--	--	--	--	--	--
REGISTERED NURSE - OPERATING ROOM	P D	14	0	0.0	--	--	--	--	--	--
INTERNATIONAL HEALTH SERVICE	P D	12	0	0.0	--	--	--	--	--	--
REG. NURSE - CRITICAL CARE NURSING	P D	22	0	0.0	--	--	--	--	--	--
TOTAL		1,635	1,203	73.6	97.0	1,167	98.3	78.2	77.5	\$30,355
TOTAL ENGLISH PROGRAMS										
		1,635	1,203	73.6	97.0	1,167	98.3	78.2	77.5	\$30,355
FRENCH PROGRAMS										
HEALTH-NURSING RELATED										
NURSING	3 YR	38	37	97.4	100.0	37	100.0	73.0	73.0	\$29,873
TOTAL		38	37	97.4	100.0	37	100.0	73.0	73.0	\$29,873
TOTAL FRENCH PROGRAMS										
		38	37	97.4	100.0	37	100.0	73.0	73.0	\$29,873
BILINGUAL PROGRAMS										
HEALTH-NURSING RELATED										
NURSING	3 YR	11	8	72.7	87.5	7	100.0	85.7	85.7	\$30,043
NURSING ASSISTANT	1 YR	6	5	83.3	60.0	3	100.0	66.7	66.7	--
TOTAL		17	13	76.5	76.9	10	100.0	80.0	80.0	\$28,276
TOTAL BILINGUAL PROGRAMS										
		17	13	76.5	76.9	10	100.0	80.0	80.0	\$28,276
TOTAL NURSING AND RELATED PROGRAMS										
		1,690	1,253	74.1	96.9	1,214	98.4	78.1	77.4	\$30,323

Note: See Appendix E for a list of abbreviations used in this table.

TABLE 14

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
NURSING AND RELATED PROGRAMS,  
NOVEMBER 1989

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	DISTRIBUTION %
HOSPITALS	754	185	939	88.1
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	42	22	64	6.0
HEALTH AND SOCIAL SERVICE INDUSTRIES	13	5	18	1.7
NON-INSTITUTIONAL HEALTH SERVICES	8	2	10	0.9
<b>SUB-TOTAL</b>	<b>817</b>	<b>214</b>	<b>1,031</b>	<b>96.7</b>
<b>OTHER</b>	<b>26</b>	<b>9</b>	<b>35</b>	<b>3.3</b>
<b>TOTAL**</b>	<b>843</b>	<b>223</b>	<b>1,066</b>	<b>100.0</b>

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\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 15

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
NURSING AND RELATED PROGRAMS,  
NOVEMBER 1989

OCCUPATION*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	DISTRI- BUTION %
NURSES, GRADUATE, EXCEPT SUPERVISORS	746	127	873	76.8
REGISTERED NURSING ASSISTANTS	96	76	172	15.1
SUPERVISORS, NURSING OCCUPATIONS	43	8	51	4.5
NURSING ASSISTANTS	14	4	18	1.6
<b>SUB-TOTAL</b>	<b>899</b>	<b>215</b>	<b>1,114</b>	<b>98.0</b>
<b>OTHER</b>	<b>14</b>	<b>9</b>	<b>23</b>	<b>2.0</b>
<b>TOTAL**</b>	<b>913</b>	<b>224</b>	<b>1,137</b>	<b>100.0</b>

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.



## E. TECHNOLOGY PROGRAMS

This section discusses programs in the following fields:

- Architectural
- Automotive
- Chemical/Biological
- Civil
- Drafting
- Electronics
- Industrial
- Instrumentation
- Mechanical
- Power
- Resources
- Other

### 1. Number of Graduates

In winter 1989, Technology graduates represented 17.8 per cent of the total number of college graduates in Ontario. Of these, 3,858 graduates were enrolled in English-language programs, 65 in French-language programs, and 34 in Bilingual programs (Table 16).

Within this area, almost two-thirds of the graduates were enrolled in programs in the following four fields:

- Electronics
- Mechanics
- Civil
- Resources

### 2. Employment Status of Graduates

Six months after graduation, 91.6 per cent of the Technology graduates in the labour force were working. The average unemployment rate for this group was 8.4 per cent, compared with 7.2 per cent for all college graduates.

Technology graduates with above-average employment rates were enrolled in the following fields:

- Civil
- Drafting
- Instrumentation
- Architectural
- Power
- Electronics

Technology graduates with less than 90 per cent employment rate six months after graduation had been enrolled in the following fields:

- Industrial
- Resources
- Chemical/Biological

### **3. Relationship Between Job and Program of Study**

Overall, 77.3 per cent of the Technology graduates in the labour force were employed in full-time jobs related to their training programs, compared with 72.9 per cent for all college graduates.

Technology fields with more than 80 per cent of the graduates in the labour force employed in full-time jobs related to their training programs included:

- Civil
- Welding
- Aviation
- Architectural
- Instrumentation
- Automotive

Technology fields with a below-average proportion of graduates in the labour force in full-time related employment were as follows:

- Industrial
- Chemical/Biological
- Resources
- Special

### **4. Annual Earnings of Graduates**

Technology graduates were the third-highest-paid group. On average, they earned an annual starting salary of \$23,404.

The highest-paid graduates in the Technology area were those in the Power Engineering programs. They earned an annual salary of \$30,799, followed by Industrial graduates (\$27,088), and Instrumentation graduates (\$26,873).

The lowest-paid graduates in the Technology area were in the Drafting (\$20,127) and Automotive (\$21,201) fields.

## 5. Industry Sectors

Technology graduates were dispersed over a wide range of industry sectors:

• Manufacturing	24.9%
• Business Services	17.4%
• Construction	13.2%
• Transportation/Communication and Other	12.3%
• Public Administration	11.7%
• Trade	9.4%
• Agriculture and Other Primary	5.2%
• Other	<u>5.9%</u>
Total	<u>100.0%</u>

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 17. This provides an indication of the types of industries hiring graduates from Technology programs. The top five industries are as follows:

- Architectural, Engineering and Other Scientific and Technical Services
- Economic Services Administration
- Air Transport Industries
- Computer and Related Services
- Telecommunication Carriers Industry

## 6. Occupations

Technology graduates employed during the week of the survey were working in the following major occupation groups:

• Natural Sciences and Engineering	43.9%
• Processing/Machining and Fabricating	22.0%
• Construction	9.4%
• Managerial	5.2%
• Sales	4.5%
• Other	<u>15.0%</u>
Total	<u>100.0%</u>

The more detailed occupational breakdown presented in Table 18 indicates that the top eight occupations for Technology graduates were as follows:

- Architectural and Engineering Technologists and Technicians
- Drafting Occupations
- Electronic and Related Equipment Installation
- Systems Analysts, Computer Programmers and Related Occupations
- Life Science Technologists and Technicians
- Physical Science Technologists and Technicians
- Aircraft Mechanics and Repairers
- Surveyors

FIGURE 14

**GRADUATES EMPLOYED FULL-TIME,  
TECHNOLOGY PROGRAMS,  
NOVEMBER 1989**

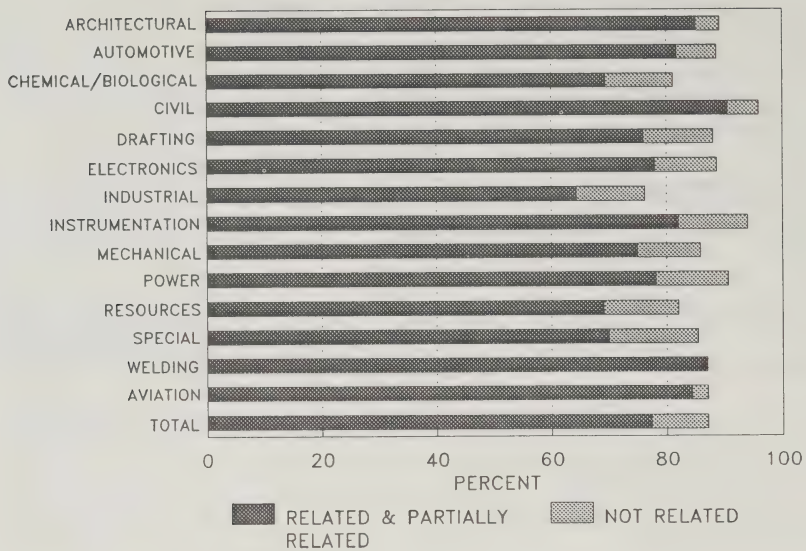


FIGURE 15

**ANNUAL EARNINGS OF GRADUATES,  
TECHNOLOGY PROGRAMS,  
NOVEMBER 1989**

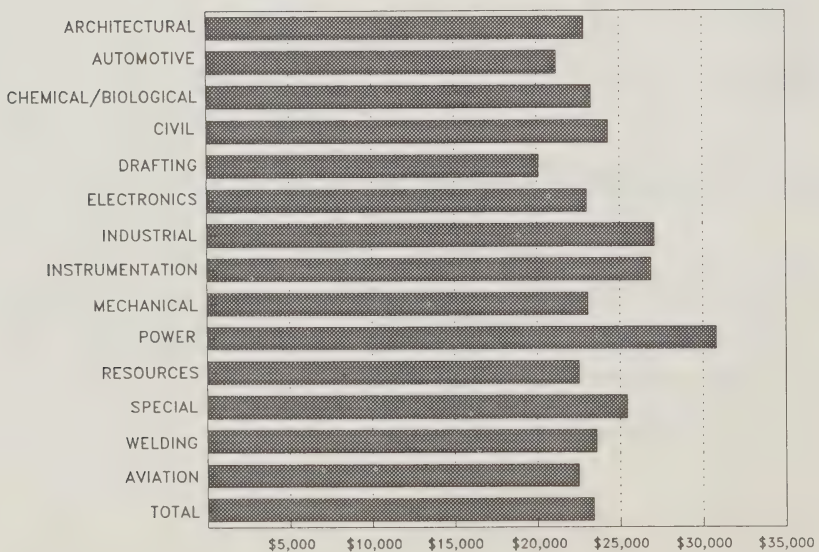


TABLE 16

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
TECHNOLOGY PROGRAMS,  
NOVEMBER 1989

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
ENGLISH PROGRAMS			#	%	#	%				
ARCHITECTURAL										
ARCHITECTURAL TECHNICIAN	2 YR	130	106	81.5	46.2	49	85.7	77.6	71.4	\$21,927
ARCHITECTURAL TECHNOLOGY	3 YR	144	102	70.8	86.3	88	98.9	95.5	92.0	\$23,730
TOTAL		274	208	75.9	65.9	137	94.2	89.1	84.7	\$23,185
AUTOMOTIVE										
MOTIVE POWER TECHNIQUES - HEAVY EQUIP.	1 YR	17	10	58.8	100.0	10	90.0	90.0	60.0	\$19,652
MOTIVE POWER TECHNICIAN	2 YR	114	63	55.3	96.8	61	91.8	88.5	85.2	\$21,386
TOTAL		131	73	55.7	97.3	71	91.5	88.7	81.7	\$21,201
CHEMICAL/BIOLOGICAL										
CHEMICAL ENGINEERING TECHNICIAN	2 YR	98	71	72.4	84.5	60	95.0	81.7	58.3	\$22,312
CHEMICAL ENGINEERING TECHNOLOGY	3 YR	174	115	66.1	95.7	110	85.5	80.0	73.6	\$23,346
CHEMICAL TECHNOLOGY - BIOCHEMICAL	3 YR	2	2	100.0	50.0	1	--	--	--	--
METALLURGICAL ENGINEERING TECHNOLOGY	3 YR	6	5	83.3	100.0	5	80.0	80.0	80.0	\$27,611
TOTAL		280	193	68.9	91.2	176	88.6	80.7	68.8	\$23,143
CIVIL										
CONSTRUCTION CARPENTRY TECHNIQUES	1 YR	13	4	30.8	100.0	4	100.0	75.0	50.0	--
CIVIL ENGINEERING TECHNICIAN	2 YR	206	165	80.1	76.4	126	96.0	92.9	84.1	\$23,815
CIVIL ENGINEERING TECHNOLOGY	3 YR	191	117	61.3	94.9	111	100.0	100.0	99.1	\$24,987
CONSTRUCTION ENGINEERING TECHNICIAN	2 YR	5	1	20.0	--	--	--	--	--	--
TOTAL		415	287	69.2	84.0	241	97.9	95.9	90.5	\$24,336



TABLE 16 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ENGLISH PROGRAMS										
DRAFTING										
DRAFTING TECHNICIAN	2 YR	37	30	81.1	83.3	25	96.0	88.0	76.0	\$20,127
MECHANICAL ENG. TECHN - DRAFTING	2 YR	2	0	0.0	--	--	--	--	--	--
TOTAL		39	30	76.9	83.3	25	96.0	88.0	76.0	\$20,127
ELECTRONICS										
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	469	305	65.0	88.9	271	91.9	86.0	72.0	\$21,718
ELECTRONICS ENGINEERING TECHNOLOGY	3 YR	379	252	66.5	92.9	234	94.4	90.6	82.1	\$24,173
ELECTRICAL ENG. TECHY - POWER SYSTEMS	3 YR	2	1	50.0	--	--	--	--	--	--
ELECTRICAL ENGINEERING TECHNOLOGY	3 YR	13	7	53.8	100.0	7	100.0	100.0	100.0	\$29,188
TOTAL		863	565	65.5	90.8	513	93.2	88.3	77.0	\$23,026
INDUSTRIAL										
INDUSTRIAL ENGINEERING TECHNICIAN	2 YR	42	21	50.0	81.0	17	70.6	70.6	70.6	\$25,990
INDUSTRIAL ENGINEERING TECHNOLOGY	3 YR	38	13	34.2	92.3	12	75.0	75.0	50.0	\$27,560
MATERIALS TESTING TECHNICIAN	2 YR	11	7	63.6	100.0	7	85.7	85.7	71.4	\$22,731
SAFETY ENGINEERING TECHNOLOGY	3 YR	6	6	100.0	100.0	6	83.3	83.3	66.7	\$37,800
TOTAL		97	47	48.5	89.4	42	76.2	76.2	64.3	\$27,088
INSTRUMENTATION										
INSTRUMENTATION ENGINEERING TECHN	2 YR	30	24	80.0	91.7	22	90.9	90.9	77.3	\$26,224
INSTRUMENTATION ENGINEERING TECHY	3 YR	28	20	71.4	100.0	20	95.0	95.0	85.0	\$27,673
INSTRUMENTATION ENG TECHN - INDUSTRIAL	2 YR	8	1	12.5	--	--	--	--	--	--
INSTRUMENTATION ENG TECHY - INDUSTRIAL	3 YR	18	7	38.9	100.0	7	100.0	100.0	85.7	\$26,211
TOTAL		84	52	61.9	96.2	50	94.0	94.0	82.0	\$26,873

TABLE 16 (Cont'd)

ENGLISH PROGRAMS	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME IN JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
MECHANICAL										
MECHANICAL ENGINEERING TECHNICIAN	2 YR	272	177	65.1	88.7	157	93.6	84.1	73.2	\$22,867
MECHANICAL ENGINEERING TECHNOLOGY	3 YR	238	150	63.0	90.7	136	90.4	89.0	80.9	\$25,529
MACHINE SHOP	1 YR	41	19	46.3	94.7	18	72.2	72.2	38.9	\$15,121
MECHANICAL ENG. TECHN - MACHINING	2 YR	124	73	58.9	91.8	67	94.0	88.1	77.6	\$19,840
MECH TECHN - NUMERICAL CONTROL MACHINING	3 YR	29	11	37.9	100.0	11	100.0	72.7	63.6	\$22,677
MANUFACTURING ENGINEERING TECHNICIAN	2 YR	7	2	28.6	100.0	2	100.0	100.0	100.0	--
MANUFACTURING ENGINEERING TECHNOLOGY	3 YR	1	--	--	--	--	--	--	--	--
TOTAL		712	432	60.7	90.5	391	91.8	85.7	74.9	\$23,142
POWER										
STATIONARY ENGINEERING	2 YR	36	21	58.3	100.0	21	90.5	85.7	71.4	\$31,760
STATIONARY ENGINEERING TECHNOLOGY	3 YR	14	11	78.6	100.0	11	100.0	100.0	90.9	\$29,453
TOTAL		50	32	64.0	100.0	32	93.8	90.6	78.1	\$30,799
RESOURCES										
GEOSCIENCE DATA TECHNICIAN	2 YR	8	8	100.0	37.5	3	100.0	100.0	100.0	--
RESOURCES ENGINEERING TECHNICIAN	2 YR	16	9	56.3	88.9	8	75.0	75.0	75.0	\$22,111
RESOURCES ENGINEERING TECHNOLOGY	3 YR	17	10	58.8	100.0	10	100.0	100.0	80.0	\$26,063
ENVIRONMENTAL PEST MANAGEMENT	2 YR	5	4	80.0	100.0	4	75.0	75.0	75.0	--
RESOURCES ENG. TECHY - ENVIRONMENTAL	3 YR	3	0	0.0	--	--	--	--	--	--
TERRAIN & WATER RESOURCES TECHNICIAN	2 YR	37	34	91.9	32.4	11	100.0	90.9	90.9	\$22,063
TERRAIN GEOLOGY TECHNOLOGY	3 YR	11	10	90.9	100.0	10	100.0	100.0	90.0	\$25,167
AQUACULTURE TECHNICIAN	2 YR	35	28	80.0	100.0	28	96.4	85.7	57.1	\$17,933
FISH AND WILDLIFE TECHNICIAN	2 YR	54	51	94.4	51.0	26	92.3	88.5	65.4	\$18,475
FISH AND WILDLIFE TECHNOLOGY	3 YR	13	13	100.0	100.0	13	69.2	61.5	61.5	\$24,935
FORESTRY TECHNICIAN	2 YR	122	94	77.0	74.5	70	72.9	70.0	55.7	\$23,091
FORESTRY TECHNOLOGY	3 YR	15	14	93.3	92.9	13	84.6	69.2	61.5	\$23,363
FOREST MANAGEMENT TECHNOLOGY	3 YR	6	4	66.7	100.0	4	75.0	75.0	75.0	--

TABLE 16 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	%	#	%				
ENGLISH PROGRAMS									
RESOURCES (Cont'd)									
2 YR	60	55	91.7	65.5	36	91.7	88.9	75.0	\$20,396
3 YR	15	15	100.0	100.0	15	100.0	100.0	86.7	\$19,528
2 YR	13	10	76.9	100.0	10	70.0	70.0	50.0	\$28,423
2 YR	5	5	100.0	80.0	4	100.0	100.0	100.0	\$20,254
3 YR	19	15	78.9	93.3	14	100.0	100.0	92.9	\$20,978
2 YR	16	14	87.5	50.0	7	85.7	85.7	85.7	\$29,735
3 YR	10	8	80.0	87.5	7	100.0	100.0	100.0	\$32,654
TOTAL	480	401	83.5	73.1	293	86.7	82.9	70.0	\$22,348
SPECIAL									
3 YR	18	15	83.3	93.3	14	57.1	57.1	28.6	\$21,118
2 YR	8	6	75.0	100.0	6	83.3	66.7	33.3	--
2 YR	41	19	46.3	89.5	17	88.2	76.5	41.2	\$23,806
3 YR	14	4	28.6	100.0	4	75.0	75.0	75.0	--
2 YR	30	29	96.7	96.6	28	96.4	96.4	89.3	\$20,428
2 YR	32	17	53.1	70.6	12	100.0	83.3	75.0	\$18,589
3 YR	8	1	12.5	--	--	--	--	--	--
2 YR	25	25	100.0	100.0	25	100.0	100.0	92.0	\$27,928
3 YR	22	16	72.7	100.0	16	93.8	87.5	75.0	\$37,386
TOTAL	198	132	66.7	93.2	123	90.2	85.4	69.9	\$25,427
WELDING									
1 YR	9	5	55.6	100.0	5	60.0	60.0	60.0	--
2 YR	23	14	60.9	100.0	14	100.0	92.9	92.9	\$24,019
3 YR	5	5	100.0	80.0	4	100.0	100.0	100.0	\$28,091
TOTAL	37	24	64.9	95.8	23	91.3	87.0	87.0	\$23,586

TABLE 16 (Cont'd)

TABLE 10 (CONT'D)										
		TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL-TIME		PER CENT WORKING FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY
DURATION	TOTAL GRADS	#	%	#	%	PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB		
ENGLISH PROGRAMS										
AVIATION										
2 YR	10	8	80.0	100.0	8	87.5	75.0	75.0	\$21,751	
2 YR	16	11	68.8	90.9	10	90.0	90.0	60.0	\$21,014	
2 YR	85	65	76.5	100.0	65	95.4	92.3	92.3	\$22,663	
2 YR	2	1	50.0	--	--	--	--	--	--	
3 YR	17	16	94.1	100.0	16	100.0	100.0	100.0	\$22,378	
3 YR	51	32	62.7	84.4	27	74.1	70.4	70.4	\$21,174	
P D	17	15	88.2	93.3	14	92.9	85.7	78.6	\$25,239	
TOTAL	198	148	74.7	94.6	140	90.7	87.1	84.3	\$22,497	
TOTAL ENGLISH PROGRAMS	3,858	2,624	68.0	86.0	2,257	91.7	87.1	77.2	\$23,410	
FRENCH PROGRAMS										
ARCHITECTURAL										
2 YR	17	14	82.4	50.0	7	85.7	85.7	85.7	\$19,544	
3 YR	4	4	100.0	100.0	4	100.0	100.0	100.0	\$19,500	
TOTAL	21	18	85.7	61.1	11	90.9	90.9	90.9	\$19,526	
CHEMICAL/BIOLOGICAL										
3 YR	1	--	--	--	--	--	--	--	--	
TOTAL	1	--	--	--	--	--	--	--	--	
ELECTRONICS										
2 YR	8	7	87.5	100.0	7	100.0	100.0	100.0	\$20,909	
3 YR	6	6	100.0	100.0	6	100.0	100.0	83.3	\$24,574	
TOTAL	14	13	92.9	100.0	13	100.0	100.0	92.3	\$22,436	

TABLE 16 (Cont'd)

TABLE 10 (CONT'D)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING TIME	PER CENT FULL-TIME IN JOB	AVERAGE ANNUAL SALARY	
			#	%	#	%				
FRENCH PROGRAMS										
MECHANICAL										
MECHANICAL ENGINEERING TECHNOLOGY	3 YR	7	7	100.0	85.7	6	83.3	83.3	66.7	\$21,356
	2 YR	7	6	85.7	83.3	5	100.0	100.0	80.0	\$22,004
TOTAL		14	13	92.9	84.6	11	90.9	90.9	72.7	\$21,680
RESOURCES										
FORESTRY TECHNICIAN	2 YR	15	14	93.3	92.9	13	61.5	61.5	46.2	\$28,323
TOTAL		15	14	93.3	92.9	13	61.5	61.5	46.2	\$28,323
TOTAL FRENCH PROGRAMS		65	58	89.2	82.8	48	85.4	85.4	75.0	\$22,441
BILINGUAL PROGRAMS										
ARCHITECTURAL										
ARCHITECTURAL TECHNICIAN	2 YR	1	--	--	--	--	--	--	--	--
TOTAL		1	--	--	--	--	--	--	--	--
CHEMICAL/BIOLOGICAL										
CHEMICAL ENGINEERING TECHNOLOGY	3 YR	6	5	83.3	80.0	4	100.0	100.0	100.0	\$28,245
TOTAL		6	5	83.3	80.0	4	100.0	100.0	100.0	\$28,245
ELECTRONICS										
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	16	16	100.0	43.8	7	100.0	100.0	100.0	\$21,950
ELECTRONICS ENGINEERING TECHNOLOGY	3 YR	11	9	81.8	100.0	9	88.9	88.9	88.9	\$25,304
TOTAL		27	25	92.6	64.0	16	93.8	93.8	93.8	\$23,739
TOTAL BILINGUAL PROGRAMS		34	31	91.2	64.5	20	95.0	95.0	95.0	\$24,687
TOTAL TECHNOLOGY PROGRAMS		3,957	2,713	68.6	85.7	2,325	91.6	87.1	77.3	\$23,404

Note: See Appendix E for a list of abbreviations used in this table.



TABLE 17  
DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
TECHNOLOGY PROGRAMS,  
NOVEMBER 1989

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC & TECHNICAL SERVICES	233	0	233	13.1
ECONOMIC SERVICES ADMINISTRATION	139	0	139	7.8
AIR TRANSPORT INDUSTRIES	70	0	70	4.0
COMPUTER AND RELATED SERVICES	55	0	55	3.1
TELECOMMUNICATION CARRIERS INDUSTRY	44	1	45	2.5
RESIDENTIAL BUILDING AND DEVELOPMENT	42	0	42	2.4
ELECTRIC POWER SYSTEMS INDUSTRY	39	0	39	2.2
METAL MINES	35	0	35	2.0
AIRCRAFT AND AIRCRAFT PARTS INDUSTRY	34	0	34	1.9
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	33	1	34	1.9
HIGHWAY AND HEAVY CONSTRUCTION	29	0	29	1.6
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	26	1	27	1.5
GENERAL ADMINISTRATIVE SERVICES	27	0	27	1.5
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	24	0	24	1.4
INDUSTRIAL CONSTRUCTION (OTHER THAN BUILDINGS)	23	0	23	1.3
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT	23	0	23	1.3
HARDWARE, TOOL AND CUTLERY INDUSTRIES	20	1	21	1.2
MOTOR VEHICLE INDUSTRY	21	0	21	1.2
PLUMBING, HEATING AND AIR CONDITIONING, MECHANICAL WORK	20	0	20	1.1
PROJECT MANAGEMENT, CONSTRUCTION	19	0	19	1.1
PULP AND PAPER INDUSTRIES	18	0	18	1.0
MACHINE SHOP INDUSTRY	18	0	18	1.0
SITE WORK	16	1	17	1.0
SERVICES INCIDENTAL TO FISHING	15	1	16	0.9
HOUSEHOLD FURNITURE INDUSTRIES	14	2	16	0.9
MOTOR VEHICLE REPAIR SHOPS	15	1	16	0.9
ELECTRICAL WORK	14	1	15	0.9
TELECOMMUNICATION BROADCASTING INDUSTRIES	14	1	15	0.9
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	15	0	15	0.9
GENERAL MERCHANDISE STORES	11	4	15	0.9
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	13	0	13	0.7
CONCRETE PRODUCTS INDUSTRIES	12	0	12	0.7

TABLE 17 (Cont'd)

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
POSTSECONDARY NON-UNIVERSITY EDUCATION	9	3	12	0.7
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	12	0	12	0.7
TRANSPORTATION INDUSTRIES	11	0	11	0.6
DEFENCE SERVICES	10	1	11	0.6
OTHER BUSINESS SERVICES	9	1	10	0.6
HOSPITALS	9	1	10	0.6
AUTOMOBILE DEALERS	10	0	10	0.6
<b>SUB-TOTAL</b>	<b>1,201</b>	<b>21</b>	<b>1,222</b>	<b>68.3</b>
<b>OTHER</b>	<b>525</b>	<b>26</b>	<b>551</b>	<b>31.8</b>
<b>TOTAL**</b>	<b>1,726</b>	<b>47</b>	<b>1,773</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 18

**DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
TECHNOLOGY PROGRAMS,  
NOVEMBER 1989**

	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
<b>OCCUPATION*</b>				
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	363	2	365	19.4
DRAFTING OCCUPATIONS	168	5	173	9.2
ELECTRONIC & RELATED EQUIPMENT INSTALLING AND REPAIRING OCCUPATIONS, N.E.C.	70	0	70	3.7
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	53	3	56	3.0
LIFE SCIENCE TECHNOLOGISTS & TECHNICIANS	56	0	56	3.0
PHYSICAL SCIENCE TECHNOLOGISTS & TECHNICIANS	55	0	55	2.9
AIRCRAFT MECHANICS & REPAIRERS	54	0	54	2.9
SURVEYORS	51	1	52	2.8
WIRE COMMUNICATIONS & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	41	1	42	2.2
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL	35	0	35	1.9
INDUSTRIAL, FARM & CONSTRUCTION MACHINERY & MECHANICS & REPAIRERS	33	1	34	1.8
TECHNICAL SALES OCCUPATIONS & RELATED ADVISERS	34	0	34	1.8
MACHINIST & MACHINE-TOOL SETTING-UP OCCUPATIONS	30	1	31	1.7
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	28	0	28	1.5
MANAGEMENT OCCUPATIONS, CONSTRUCTION OPERATIONS	27	0	27	1.4
PRECISION-INSTRUMENT MECHANICS & REPAIRERS	24	0	24	1.3
STATIONARY ENGINE & AUXILIARY EQUIPMENT OPERATING & MAINTAINING OCCUPATIONS	23	0	23	1.2
AIR PILOTS, NAVIGATORS & FLIGHT ENGINEERS	21	1	22	1.2
CONSTRUCTION ELECTRICIANS & REPAIR WORKERS	21	0	21	1.1
ELECTRICAL & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS, N.E.C.	19	0	19	1.0
INSPECTING & TESTING OCCUPATIONS, CONSTRUCTION EXCEPT ELECTRICAL	18	0	18	1.0
NURSERY & RELATED WORKERS	18	0	18	1.0
SALES OCCUPATIONS COMMODITIES, N.E.C.	17	1	18	1.0
MECHANICS & REPAIRERS, EXCEPT ELECTRICAL, N.E.C.	16	0	16	0.9
TOOL & DIE MAKING OCCUPATIONS	15	1	16	0.9
INDUSTRIAL ENGINEERS	16	0	16	0.9
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT	15	0	15	0.8
EXCAVATING, GRADING & RELATED OCCUPATIONS	14	0	14	0.8
CARPENTER & RELATED OCCUPATIONS	14	0	14	0.8

TABLE 18 (Cont'd)

OCCUPATION*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
MOTOR-VEHICLE MECHANICS & REPAIRERS	13	1	14	0.8
FISHING, HUNTING, TRAPPING & RELATED OCCUPATIONS	12	0	12	0.6
OTHER OCCUPATIONS IN ARCHITECTURE & ENGINEERING, N.E.C.	11	1	12	0.6
INSPECTING & TESTING OCCUPATIONS: FABRICATING	12	0	12	0.6
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	11	1	12	0.6
OTHER FARMING, HORTICULTURAL & ANIMAL-HUSBANDRY OCCUPATIONS, N.E.C.	11	0	11	0.6
ELECTRONIC EQUIPMENT FABRICATING & ASSEMBLING OCCUPATIONS	11	0	11	0.6
FOREMEN/WOMEN, OTHER CONSTRUCTION TRADES OCCUPATIONS	11	0	11	0.6
OFFICIALS & ADMINISTRATORS UNIQUE TO GOVERNMENT	10	0	10	0.5
WELDING & FLAME CUTTING OCCUPATIONS	10	0	10	0.5
SALES CLERKS, COMMODITIES	7	3	10	0.5
<b>SUB-TOTAL</b>	<b>1,462</b>	<b>23</b>	<b>1,331</b>	<b>80.3</b>
<b>OTHER</b>	<b>366</b>	<b>27</b>	<b>547</b>	<b>19.7</b>
<b>TOTAL**</b>	<b>1,828</b>	<b>50</b>	<b>1,878</b>	<b>100.0</b>

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.

## F. OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

This section discusses programs in the following fields:

- Business Computer
- Office Administration - Health
- Office Administration - Legal
- Office Administration - General
- Management Miscellaneous
- Accounting Finance
- Recreation Facilities
- Government Real Estate
- Human Resources/Industrial Relations
- Business - Marketing/Retail Sales
- Materials Management
- Small Business
- Business - Legal
- Business - Travel/Tourism

### 1. Number of Graduates

The largest group of college graduates in the survey was from the Office and Business Administration programs. There were 6,651 from English-language programs, 108 from French-language programs, and 139 from Bilingual programs, for a total of 6,898 or almost a third of the total number of college graduates in Ontario (Table 19).

Just over two-thirds of the graduates in this area were enrolled in four fields:

- Management Miscellaneous
- Marketing/Retail Sales
- Office Administration
- Accounting Finance

### 2. Employment Status of Graduates

Six months after graduation, with 92.3 per cent of the Office and Business Administration graduates in the labour force working, the unemployment rate for this group (7.7 per cent) was only slightly higher than the average for all graduates.

All the graduates from the Recreation Facilities program found employment within six months of graduation. Graduates from programs in the Small Business field and Business Legal field also had relatively higher employment rates.

In November 1989, approximately 9 per cent of the Office Administration - Health, Office Administration - General, Accounting/Finance, and Materials Management graduates in the labour force were still looking for work.



Although there were relatively few Government Real Estate graduates in the labour force, they had the highest unemployment rate in this group: 12 per cent of the graduates in the labour force were still looking for work.

### **3. Relationship of Job to Program of Study**

Overall, 74.7 per cent of the Office and Business Administration graduates in the labour force were employed full-time in jobs related to their program of study. Their performance compared favourably with that of the rest of the college graduates.

Within this program area, fields with more than 80 per cent of the graduates in the labour force employed in full-time jobs related to their training programs were as follows:

- Recreation Facilities
- Business Legal
- Business Computer
- Office Administration - Legal
- Materials Management

Fields with a below-average proportion of graduates in the labour force in full-time jobs related to their program of study were as follows:

- Business Travel and Tourism
- Government Real Estate
- Human Resources/Industrial Relations

### **4. Annual Earnings of Graduates**

Graduates from the Office and Business Administration programs earned \$20,062, which is below the average annual starting salary for all graduates.

In this group, the highest salaries were earned by graduates in the Business - Computer field (\$24,879), followed by Materials Management (\$23,479) and Recreation Facilities (\$22,962).

The average annual starting salaries for graduates from the Business Legal, Office Administration - Legal, and Office Administration - General fields was less than \$20,000. The starting salaries for graduates from the Business Travel and Tourism programs was \$15,689.

### **5. Industry**

Graduates from the Office and Business Administration area were dispersed over a larger number of industry sectors:

• Business Services	18.7%
• Trade	18.7%
• Manufacturing	12.3%
• Finance/Insurance and Real Estate	11.9%
• Public Administration	8.6%
• Health and Social Services	8.5%
• Accommodation/Food/Beverage and Others	7.4%
• Other	<u>13.9%</u>
Total	<u>100.0%</u>

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 20. This provides an indication of the types of industries hiring graduates from Office and Business Administration programs. The top five industries were as follows:

- Offices of Lawyers and Notaries
- Hospitals
- Accounting and Bookkeeping Services
- Insurance and Real Estate Agencies
- General Merchandise Stores

## 6. Occupations

At the time of the survey, graduates from the Office and Business Administration programs who were employed found jobs in the following major occupation groups:

• Clerical	56.5%
• Sales	14.9%
• Managerial	10.0%
• Natural Science and Engineering	5.2%
• Social Sciences	4.1%
• Other	<u>9.3%</u>
Total	<u>100.0%</u>

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 21. This provides an indication of the types of occupations in which graduates from the Office and Business Administration programs can find employment. The five most common occupations included:

- Secretaries and Stenographers
- Bookkeepers and Accounting Clerks
- General Office Clerks
- Supervisors, Sales Occupations, Commodities
- Systems Analysts, Computer Programmers and Related Occupations

FIGURE 16

**GRADUATES EMPLOYED FULL-TIME,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS,  
NOVEMBER 1989**

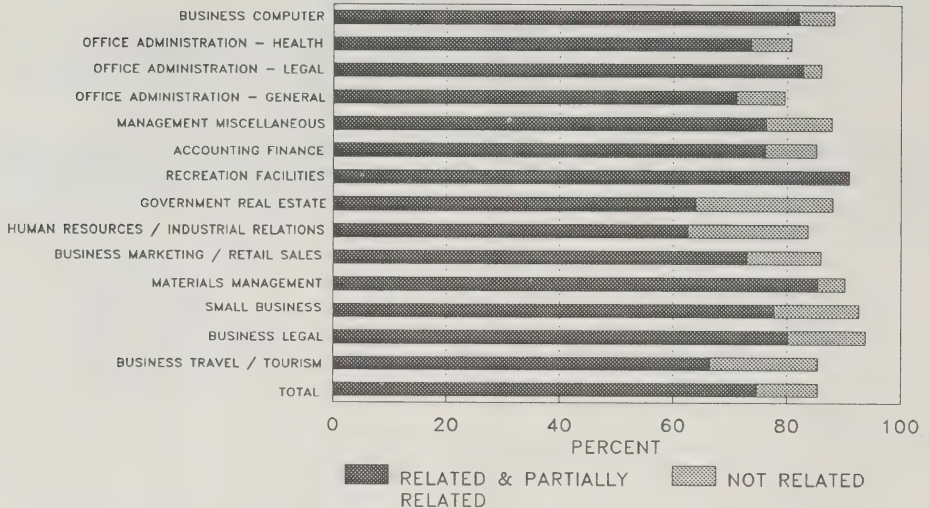


FIGURE 17

**ANNUAL EARNINGS OF GRADUATES,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS,  
NOVEMBER 1989**

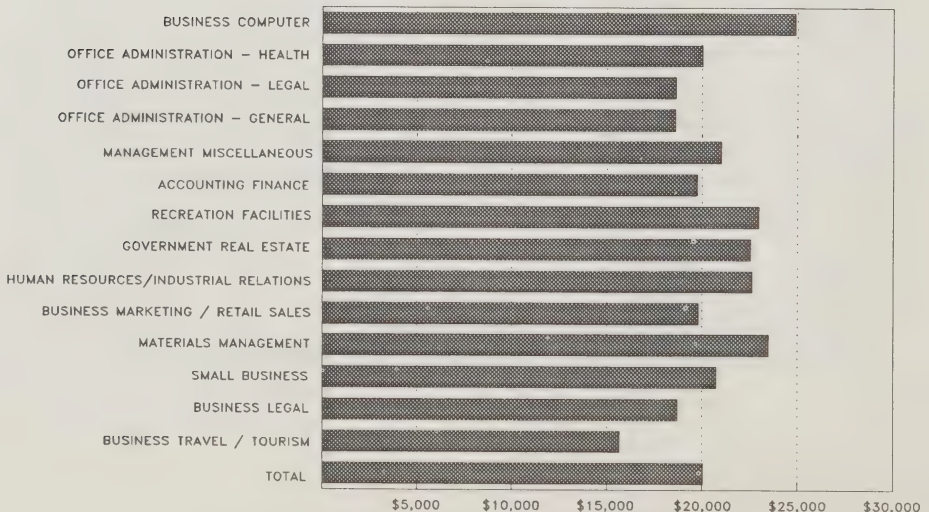


TABLE 19

**EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS,  
NOVEMBER 1989**

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	%	#	%				
ENGLISH PROGRAMS									
BUSINESS COMPUTER									
2 YR	23	18	78.3	83.3	15	93.3	66.7	53.3	\$22,008
2 YR	93	60	64.5	90.0	54	96.3	87.0	77.8	\$23,820
3 YR	66	58	87.9	98.3	57	96.5	94.7	87.7	\$24,633
2 YR	91	64	70.3	82.8	53	86.8	81.1	77.4	\$25,470
3 YR	121	70	57.9	95.7	67	92.5	92.5	86.6	\$25,520
2 YR	6	6	100.0	66.7	4	100.0	100.0	100.0	\$23,667
3 YR	16	14	87.5	100.0	14	100.0	100.0	92.9	\$26,599
3 YR	21	18	85.7	88.9	16	93.8	93.8	87.5	\$22,765
3 YR	2	1	50.0	--	--	83.3	83.3	83.3	\$38,500
P D	6	6	100.0	100.0	6	100.0	88.9	88.9	\$22,125
1 YR	12	11	91.7	81.8	9	100.0	88.9	88.9	\$24,879
TOTAL	457	326	71.3	90.8	296	93.6	88.9	82.4	
OFFICE ADMIN-HEALTH									
1 YR	8	5	62.5	40.0	2	100.0	100.0	100.0	--
2 YR	29	20	69.0	95.0	19	84.2	78.9	78.9	\$24,122
1 YR	29	24	82.8	95.8	23	95.7	87.0	65.2	\$19,431
2 YR	267	194	72.7	96.9	188	90.4	81.4	75.5	\$19,624
1 YR	23	18	78.3	94.4	17	94.1	58.8	52.9	\$20,035
TOTAL	356	261	73.3	95.4	249	90.8	80.3	73.5	\$19,963

TABLE 19 (Cont'd)

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY	GRADS IN LABOUR FORCE	PER CENT WORKING	PER CENT FULL- TIME	PER CENT FULL- TIME IN JOB	AVERAGE ANNUAL SALARY
<b>ENGLISH PROGRAMS</b>								
<b>OFFICE ADMIN-LEGAL</b>								
COURT REPORTING - STENOMASK	1 YR	6	4	100.0	100.0	75.0	--	
OFFICE ADMIN. CERTIFICATE - LEGAL	1 YR	17	12	83.3	90.0	80.0	\$18,097	
OFFICE ADMINISTRATION DIPLOMA - LEGAL	2 YR	267	192	98.4	93.1	86.2	\$18,543	
<b>TOTAL</b>		<b>290</b>	<b>208</b>	<b>97.6</b>	<b>93.1</b>	<b>86.7</b>	<b>\$18,671</b>	
<b>OFFICE ADMINISTRATION</b>								
BUSINESS - OFFICE SYSTEMS	2 YR	67	45	97.8	88.6	81.8	\$20,927	
SMALL BUSINESS - OFFICE AUTOMATION	1 YR	10	10	80.0	100.0	62.5	\$18,406	
OFFICE SYSTEMS ADMINISTRATION	3 YR	39	31	79.5	93.5	87.1	\$20,506	
OFFICE ADMIN. CERTIFICATE - GENERAL	1 YR	352	219	62.2	88.0	66.9	\$17,116	
OFFICE ADMIN. CERTIFICATE - EXECUTIVE	1 YR	48	41	85.4	94.4	83.3	\$18,070	
OFFICE ADMIN. DIPLOMA - EXECUTIVE	2 YR	403	297	73.7	90.0	80.7	\$17,919	
SECRETARIAL SCIENCE	3 YR	11	6	54.5	100.0	100.0	\$18,413	
OFFICE ADMIN. CERTIF. - WORD PROCESSING	1 YR	38	27	71.1	100.0	96.3	\$20,444	
OFFICE ADMIN. DIPLOMA - WORD PROCESSING	2 YR	85	36	42.4	87.9	78.8	\$21,748	
OFFICE ADMIN. DIPLOMA - INFO. SYSTEMS	2 YR	14	14	100.0	100.0	90.9	\$21,764	
INTEGRATED OFFICE SYSTEMS	P D	2	2	100.0	100.0	100.0	--	
RECORDS AND INFORMATION MANAGEMENT	2 YR	5	5	100.0	100.0	75.0	--	
<b>TOTAL</b>		<b>1,074</b>	<b>733</b>	<b>68.2</b>	<b>90.7</b>	<b>79.5</b>	<b>\$18,629</b>	
<b>MANAGEMENT-MISCELLANEOUS</b>								
BUSINESS	2 YR	443	286	64.6	94.9	88.5	\$18,876	
BUSINESS ADMINISTRATION	3 YR	580	341	58.8	91.5	86.2	\$21,129	
INTERNATIONAL BUSINESS	3 YR	8	1	12.5	--	--	--	
INTERNATIONAL BUSINESS MANAGEMENT	P D	14	3	21.4	100.0	100.0	0.0	
INDUSTRIAL ENGINEERING TECH. - MGT.	3 YR	4	2	50.0	100.0	100.0	--	
BUS. ADMIN. - PROD. & OPERATIONS MGT.	3 YR	57	39	68.4	89.5	89.5	\$24,770	
TRANSPORTATION AND DISTRIBUTION	2 YR	10	10	100.0	100.0	100.0	\$23,016	



TABLE 19 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	\$	#	\$				
ENGLISH PROGRAMS									
MANAGEMENT-MISCELLANEOUS (Cont'd)									
2 YR	4	3	75.0	100.0	3	100.0	100.0	100.0	--
2 YR	8	8	100.0	87.5	7	71.4	71.4	71.4	\$17,828
2 YR	38	25	65.8	84.0	21	90.5	85.7	81.0	\$17,597
2 YR	29	10	34.5	80.0	8	100.0	100.0	100.0	\$25,626
2 YR	20	13	65.0	84.6	11	100.0	100.0	63.6	\$18,559
2 YR	17	8	47.1	100.0	8	100.0	62.5	62.5	\$15,186
2 YR	27	15	55.6	80.0	12	100.0	100.0	91.7	\$26,904
2 YR	14	6	42.9	100.0	6	100.0	100.0	83.3	\$27,250
P D	18	18	100.0	94.4	17	100.0	100.0	100.0	\$30,258
TOTAL	1,291	788	61.0	88.3	696	93.2	88.1	76.4	\$20,972
ACCOUNTING FINANCE									
2 YR	384	251	65.4	78.9	198	87.9	76.3	64.6	\$19,228
3 YR	497	399	80.3	93.7	374	92.0	89.8	82.9	\$20,003
2 YR	33	16	48.5	87.5	14	85.7	71.4	57.1	\$18,292
3 YR	28	27	96.4	92.6	25	96.0	92.0	80.0	\$21,351
TOTAL	942	693	73.6	88.2	611	90.7	85.1	76.3	\$19,811
RECREATION FACILITIES									
3 YR	9	6	66.7	100.0	6	100.0	83.3	83.3	\$20,403
P D	7	2	28.6	100.0	2	100.0	100.0	100.0	--
P D	1	--	--	--	--	--	--	--	--
2 YR	6	3	50.0	66.7	2	100.0	100.0	100.0	--
TOTAL	23	12	52.2	91.7	11	100.0	90.9	90.9	\$22,962

TABLE 19 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	\$	#	\$				
ENGLISH PROGRAMS									
GOVERNMENT REAL ESTATE									
2 YR	13	4	30.8	100.0	4	100.0	100.0	75.0	--
2 YR	17	12	70.6	66.7	8	100.0	100.0	50.0	\$21,337
2 YR	25	14	56.0	92.9	13	76.9	76.9	69.2	\$23,209
TOTAL	55	30	54.5	83.3	25	88.0	88.0	64.0	\$22,561
HUMAN RESOURCE/INDUSTRIAL RELATIONS									
2 YR	13	13	100.0	100.0	13	92.3	76.9	46.2	\$20,523
2 YR	9	8	88.9	50.0	4	100.0	100.0	75.0	--
3 YR	57	50	87.7	94.0	47	93.6	83.0	61.7	\$22,693
P D	59	32	54.2	93.8	30	90.0	86.7	73.3	\$27,354
3 YR	7	7	100.0	85.7	6	83.3	83.3	33.3	--
2 YR	28	26	92.9	88.5	23	95.7	82.6	65.2	\$16,776
TOTAL	173	136	78.6	90.4	123	92.7	83.7	62.6	\$22,639
BUSINESS-MARKETING/RETAIL SALES									
2 YR	21	14	66.7	100.0	14	100.0	100.0	92.9	\$17,161
2 YR	108	86	79.6	93.0	80	90.0	83.7	67.5	\$17,464
3 YR	56	25	44.6	96.0	24	83.3	83.3	83.3	\$17,637
2 YR	30	16	53.3	93.8	15	93.3	86.7	80.0	\$21,756
2 YR	22	20	90.9	90.0	18	88.9	83.3	66.7	\$16,475
2 YR	291	212	72.9	78.3	166	92.2	86.1	69.3	\$20,180
3 YR	360	270	75.0	92.6	250	94.0	86.4	76.4	\$22,685
2 YR	111	67	60.4	88.1	59	96.6	81.4	64.4	\$14,914
3 YR	25	15	60.0	93.3	14	92.9	92.9	85.7	\$18,810
1 YR	18	2	11.1	100.0	2	100.0	100.0	50.0	--
2 YR	22	17	77.3	94.1	16	93.8	81.3	62.5	\$19,484
1 YR	1	--	--	--	--	--	--	--	--

TABLE 19 (Cont'd)

BUSINESS - MARKETING/RETAIL SALES (Cont'd)										
ENGLISH PROGRAMS										
DURATION	TOTAL GRADES	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME RELATED JOB	AVERAGE ANNUAL SALARY	
		#	\$	#	\$					
2 YR	99	82	82.8	96.3	79	98.7	96.2	89.9	\$18,369	
3 YR	7	6	85.7	83.3	5	100.0	80.0	20.0	--	
1 YR	6	4	66.7	100.0	4	100.0	100.0	100.0	\$15,361	
2 YR	37	33	89.2	87.9	29	86.2	79.3	65.5	\$17,880	
1 YR	14	7	50.0	100.0	7	85.7	71.4	42.9	--	
2 YR	12	12	100.0	100.0	12	100.0	91.7	75.0	\$15,590	
TOTAL	1,240	889	71.7	89.4	795	93.3	86.4	73.6	\$19,768	
MATERIALS MANAGEMENT										
2 YR	11	9	81.8	88.9	8	87.5	87.5	75.0	\$23,664	
3 YR	42	33	78.6	100.0	33	90.9	90.9	87.9	\$23,440	
TOTAL	53	42	79.2	97.6	41	90.2	90.2	85.4	\$23,479	
SMALL BUSINESS										
1 YR	1	--	--	--	--	--	--	--	--	
2 YR	19	15	78.9	93.3	14	92.9	92.9	71.4	\$20,877	
3 YR	35	13	37.1	92.3	12	100.0	91.7	91.7	\$20,639	
TOTAL	55	29	52.7	93.1	27	96.3	92.6	77.8	\$20,758	
BUSINESS LEGAL										
2 YR	199	137	68.8	94.9	130	95.4	93.1	80.8	\$18,407	
3 YR	25	17	68.0	94.1	16	100.0	100.0	81.3	\$20,991	
TOTAL	224	154	68.8	94.8	146	95.9	93.8	80.8	\$18,718	

TABLE 19 (Cont'd)

TABLE 1 (CONT'D.)									
DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		#	%	#	%				
ENGLISH PROGRAMS									
BUSINESS-TRAVEL/TOURISM									
2 YR	303	200	66.0	92.0	184	92.9	83.2	62.5	\$14,639
3 YR	115	60	52.2	88.3	53	94.3	92.5	79.2	\$18,604
TOTAL	418	260	62.2	91.2	237	93.2	85.2	66.2	\$15,703
TOTAL ENGLISH PROGRAMS	6,651	4,561	68.6	89.3	4,075	92.4	85.5	74.8	\$20,077
FRENCH PROGRAMS									
BUSINESS COMPUTER									
2 YR	7	6	85.7	83.3	5	100.0	40.0	40.0	--
2 YR	1	--	--	--	--	--	--	--	--
1 YR	6	3	50.0	66.7	2	100.0	100.0	100.0	--
TOTAL	14	10	71.4	80.0	8	100.0	62.5	62.5	\$22,464
MANAGEMENT-MISCELLANEOUS									
3 YR	14	12	85.7	91.7	11	81.8	81.8	81.8	\$21,357
TOTAL	14	12	85.7	91.7	11	81.8	81.8	81.8	\$21,357
ACCOUNTING FINANCE									
2 YR	12	12	100.0	75.0	9	100.0	88.9	66.7	\$17,588
3 YR	12	12	100.0	66.7	8	87.5	87.5	75.0	\$19,757
3 YR	1	--	--	--	--	--	--	--	--
TOTAL	25	25	100.0	72.0	18	94.4	88.9	66.7	\$18,889

TABLE 19 (Cont'd)

DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL- TIME	PER CENT WORKING FULL- TIME	PER CENT FULL- TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
		\$	%	\$	%				
FRENCH PROGRAMS									
BUSINESS-MARKETING/RETAIL SALES									
2 YR	19	16	84.2	100.0	16	81.3	62.5	43.8	\$21,500
2 YR	13	9	69.2	66.7	6	100.0	83.3	66.7	\$16,646
3 YR	7	7	100.0	100.0	7	85.7	85.7	57.1	\$26,667
TOTAL	39	32	82.1	90.6	29	86.2	72.4	51.7	\$21,578
BUSINESS LEGAL									
2 YR	14	10	71.4	100.0	10	100.0	100.0	80.0	\$18,184
TOTAL	14	10	71.4	100.0	10	100.0	100.0	80.0	\$18,184
BUSINESS-TRAVEL/TOURISM									
2 YR	2	0	0.0	--	--	--	--	--	--
TOTAL	2	0	0.0	--	--	--	--	--	--
TOTAL FRENCH PROGRAMS	108	89	82.4	85.4	76	90.8	80.3	64.5	\$20,309
BILINGUAL PROGRAMS									
BUSINESS COMPUTER									
3 YR	1	--	--	--	--	--	--	--	--
TOTAL	1	--	--	--	--	--	--	--	--
OFFICE ADMIN-HEALTH									
2 YR	7	5	71.4	100.0	5	100.0	100.0	80.0	\$22,783
TOTAL	7	5	71.4	100.0	5	100.0	100.0	80.0	\$22,783



TABLE 19 (Cont'd)

	DURATION	TOTAL GRADE	TOTAL IN THE SURVEY		GRADE IN LABOUR FORCE		PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME RELATED JOB	AVERAGE ANNUAL SALARY
			#	%	#	%			
BILINGUAL PROGRAMS									
OFFICE ADMIN-LEGAL									
	2 YR	17	15	88.2	80.0	12	83.3	75.0	\$17,822
TOTAL		17	15	88.2	80.0	12	83.3	75.0	\$17,822
OFFICE ADMINISTRATION									
	1 YR	21	15	71.4	73.3	11	90.9	72.7	\$19,215
	2 YR	51	45	88.2	93.3	42	88.1	83.3	\$18,181
TOTAL		72	60	83.3	88.3	53	88.7	81.1	\$18,382
MANAGEMENT-MISCELLANEOUS									
	2 YR	3	2	66.7	100.0	2	100.0	100.0	--
	3 YR	11	10	90.9	80.0	8	100.0	75.0	\$23,723
TOTAL		14	12	85.7	83.3	10	100.0	80.0	\$24,578
ACCOUNTING FINANCE									
	3 YR	8	6	75.0	100.0	6	83.3	83.3	\$17,666
TOTAL		8	6	75.0	100.0	6	83.3	83.3	\$17,666
BUSINESS-MARKETING/RETAIL SALES									
	3 YR	9	8	88.9	87.5	7	100.0	100.0	\$20,243
TOTAL		9	8	88.9	87.5	7	100.0	100.0	\$20,243
BUSINESS LEGAL									
	2 YR	8	6	75.0	100.0	6	83.3	83.3	\$19,998
TOTAL		8	6	75.0	100.0	6	83.3	83.3	\$19,998

TABLE 19 (Cont'd)

		TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME RELATED TO JOB	AVERAGE ANNUAL SALARY
DURATION	TOTAL GRADS	#	%	#	%			
<b>BILINGUAL PROGRAMS</b>								
<b>BUSINESS-TRAVEL/TOURISM</b>								
2 YR	3	3	100.0	66.7	2	100.0	100.0	--
TRAVEL AND TOURISM								
TOTAL	3	3	100.0	66.7	2	100.0	100.0	--
TOTAL BILINGUAL PROGRAMS	139	116	83.5	87.9	102	90.2	74.5	\$19,318
TOTAL OFFICE AND BUSINESS ADMINISTRATION PROGRAMS	6,898	4,766	69.1	89.2	4,253	92.3	85.4	\$20,062

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Note: See Appendix E for a list of abbreviations used in this table.

TABLE 20

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS,  
NOVEMBER 1989

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIBUTION
OFFICES OF LAWYERS AND NOTARIES	252	3	255	8.2
HOSPITALS	122	23	145	4.7
ACCOUNTING AND BOOKKEEPING SERVICES	97	2	99	3.2
INSURANCE AND REAL ESTATE AGENCIES	88	6	94	3.0
GENERAL MERCHANDISE STORES	76	16	92	3.0
GENERAL ADMINISTRATIVE SERVICES	85	3	88	2.8
TRAVEL SERVICES	80	3	83	2.7
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	71	11	82	2.7
FOOD SERVICES	55	11	66	2.1
ECONOMIC SERVICES ADMINISTRATION	61	2	63	2.0
COMPUTER AND RELATED SERVICES	63	0	63	2.0
HOTELS, MOTELS AND TOURIST COURTS	58	4	62	2.0
FOOD STORES	37	15	52	1.7
HUMAN RESOURCE ADMINISTRATION	45	2	47	1.5
ADVERTISING SERVICES	46	1	47	1.5
OTHER BUSINESS SERVICES	40	1	41	1.3
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	37	4	41	1.3
LIFE INSURERS	40	0	40	1.3
TRUST COMPANIES	34	4	38	1.2
PROTECTIVE SERVICES	33	2	35	1.1
WOMEN'S CLOTHING STORES	27	3	30	1.0
FOOD, WHOLESALE	27	2	29	0.9
AUTOMOBILE DEALERS	28	0	28	0.9
RESIDENTIAL BUILDING AND DEVELOPMENT	27	0	27	0.9
POSTSECONDARY NON-UNIVERSITY EDUCATION	21	6	27	0.9
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	23	4	27	0.9
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	23	2	25	0.8
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	22	2	24	0.8
COMBINED PUBLISHING AND PRINTING INDUSTRIES	22	2	24	0.8
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	19	4	23	0.7
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC & TECHNICAL SERVICES	20	3	23	0.7
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT & SUPPLIES, WHOLESALE	23	0	23	0.7
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	21	1	22	0.7
COMMERCIAL PRINTING INDUSTRIES	20	0	20	0.7
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	19	0	19	0.6
CLOTHING STORES, N.E.C.	17	2	19	0.6
MANAGEMENT CONSULTING SERVICES	18	0	18	0.6
ELEMENTARY AND SECONDARY EDUCATION	12	6	18	0.6
BUSINESS ASSOCIATIONS	15	3	18	0.6
MEAT AND POULTRY PRODUCTS INDUSTRIES	17	0	17	0.6
OPERATORS OF BUILDINGS AND DWELLINGS	17	0	17	0.6

## INDUSTRY\*

	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIBUTION
PORTFOLIO INVESTMENT INTERMEDIARIES	16	0	16	0.5
OTHER RETAIL STORES	15	1	16	0.5
TRUCK TRANSPORT INDUSTRIES	16	0	16	0.5
CENTRAL BANK	13	2	15	0.5
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE APPLIANCE, TELEVISION, RADIO AND STEREO STORES	14	1	15	0.5
TELECOMMUNICATION BROADCASTING INDUSTRIES	14	1	15	0.5
PROJECT MANAGEMENT, CONSTRUCTION	14	1	15	0.5
PULP AND PAPER INDUSTRIES	14	0	14	0.5
SHOE STORES	14	0	14	0.5
TELECOMMUNICATION CARRIERS INDUSTRY	14	0	14	0.5
NON-INSTITUTIONAL SOCIAL SERVICES	12	2	14	0.5
FLORISTS, LAWN AND GARDEN CENTRES	13	1	14	0.5
MEN'S CLOTHING STORES	11	3	14	0.5
AIR TRANSPORT INDUSTRIES	13	1	14	0.5
LUMBER AND BUILDING MATERIALS, WHOLESALE PROPERTY AND CASUALTY INSURERS	13	1	14	0.5
ELECTRIC POWER SYSTEMS INDUSTRY	13	0	13	0.4
PRIMARY STEEL INDUSTRIES	12	1	13	0.4
MOTOR VEHICLE INDUSTRY	13	0	13	0.4
UNIVERSITY EDUCATION	12	1	13	0.4
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	13	0	13	0.4
SPORTS AND RECREATION CLUBS AND SERVICES	12	1	13	0.4
POSTAL AND COURIER SERVICE INDUSTRIES	11	1	12	0.4
HOUSEHOLD FURNITURE STORES	11	1	12	0.4
OFFICES OF OTHER HEALTH PRACTITIONERS	10	1	11	0.4
LABOUR, EMPLOYMENT AND IMMIGRATION SERVICES	8	3	11	0.4
INDUSTRIAL CONSTRUCTION (OTHER THAN BUILDINGS)	9	2	11	0.4
CREDIT UNIONS	10	1	11	0.4
MACHINERY AND EQUIPMENT RENTAL AND LEASING	7	3	10	0.3
BUSINESS FINANCING COMPANIES	10	0	10	0.3
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	9	1	10	0.3
PUBLISHING INDUSTRIES	10	0	10	0.3
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	10	0	10	0.3
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT	10	0	10	0.3
<b>SUB-TOTAL</b>	<b>2,279</b>	<b>183</b>	<b>2,462</b>	<b>79.5</b>
<b>OTHER</b>	<b>595</b>	<b>38</b>	<b>633</b>	<b>20.5</b>
<b>TOTAL**</b>	<b>2,874</b>	<b>221</b>	<b>3,095</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 21

**DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS,  
NOVEMBER 1989**

<b>OCCUPATION*</b>	<b>EMPLOYED FULL-TIME</b>	<b>EMPLOYED PART-TIME</b>	<b>EMPLOYED TOTAL</b>	<b># DISTRIB- UTION</b>
SECRETARIES & STENOGRAPHERS	544	35	579	16.5
BOOKKEEPERS & ACCOUNTING CLERKS	429	13	442	12.6
GENERAL OFFICE CLERKS	153	26	179	5.1
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	147	2	149	4.3
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	149	1	149	4.3
OCCUPATIONS IN LAW & JURISPRUDENCE, N.E.C.	119	1	120	3.4
ACCOUNTANTS, AUDITORS & OTHER FINANCIAL OFFICERS	101	2	103	2.9
EDP EQUIPMENT OPERATORS	99	4	103	2.9
SALES CLERKS, COMMODITIES	73	21	94	2.7
TRAVEL CLERKS, TICKET, STATION & FREIGHT AGENTS	90	3	93	2.7
RECEPTIONISTS & INFORMATION CLERKS	82	7	89	2.5
TYPISTS & CLERK-TYPISTS	73	7	80	2.3
TELLERS & CASHIERS	48	30	78	2.2
SALES PERSONS COMMODITIES, N.E.C	63	5	68	1.9
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION	58	1	59	1.7
COMMERCIAL TRAVELLERS	53	0	53	1.5
INSURANCE, BANK & OTHER FINANCE CLERKS	46	2	48	1.4
ADVERTISING SALES OCCUPATIONS	43	0	43	1.2
PRODUCTION CLERKS	36	1	37	1.1
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	33	3	36	1.0
SALES & ADVERTISING MANAGEMENT OCCUPATIONS	33	1	34	1.0
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	28	4	32	0.9
OTHER MANAGERS & ADMINISTRATORS, N.E.C.	30	1	31	0.9
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL	23	6	29	0.8
TECHNICAL SALES OCCUPATIONS & RELATED ADVISERS	28	0	28	0.8
STOCK CLERKS & RELATED OCCUPATIONS	25	2	27	0.8
LIBRARY & FILE CLERKS	24	3	27	0.8
FOOD & BEVERAGE PREPARATION & RELATED SERVICE OCCUPATIONS, N.E.C.	20	7	27	0.8
PERSONNEL CLERKS	27	0	27	0.8
COLLECTORS	24	2	26	0.7
HOTEL CLERKS	24	1	25	0.7
OCCUPATIONS IN FINE & COMMERCIAL ART PHOTOGRAPHY & RELATED FIELDS	18	4	22	0.6
PERSONNEL AND RELATED OFFICERS	22	0	22	0.6
SERVICE MANAGEMENT OCCUPATIONS	20	0	20	0.6
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	19	0	19	0.5



TABLE 21 (Cont'd)

## OCCUPATION\*

OTHER SALES OCCUPATIONS, N.E.C.  
 BUSINESS SERVICE SALES OCCUPATIONS  
 SHIPPING & RECEIVING CLERKS  
 ADVERTISING & ILLUSTRATING ARTISTS  
 PURCHASING OFFICERS & BUYERS, EXCEPT WHOLESALE & RETAIL TRADE  
 SUPERVISORS, BOOKKEEPING, ACCOUNT-RECORDING & RELATED OCCUPATIONS  
 BUYERS, WHOLESALE & RETAIL TRADE  
 SUPERVISORS: SALES OCCUPATIONS & AGENT  
 REAL ESTATE SALES OCCUPATIONS  
 INSPECTORS & REGULATORY OFFICERS, GOVERNMENT

## SUB-TOTAL

## OTHER

## TOTAL\*\*

EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	DISTRIB- UTION
19	0	19	0.5
18	0	18	0.5
16	0	16	0.5
14	1	15	0.4
13	0	13	0.4
12	1	13	0.4
11	0	11	0.3
10	0	10	0.3
9	1	10	0.3
10	0	10	0.3
2,935	198	3,133	89.4
349	25	374	10.7
3,284	223	3,507	100.0

\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.

## **G. HOSPITALITY PROGRAMS**

This section discusses programs in the following fields:

- Chef Training
- Hotel and Restaurant Administration
- Food Services Management
- Food Processing Technician

### **1. Number of Graduates**

In May 1989, 830 students graduated from the English-language Hospitality programs, another 24 students graduated from the French-language and Bilingual programs. Together, these graduates accounted for 3.8 per cent of the total number of college graduates in Ontario (Table 22).

### **2. Employment Status of Graduates**

Six months after graduation, 93.9 per cent of the Hospitality graduates were working. In November 1989, only 6.1 per cent of the Hospitality graduates in the labour force were still looking for work, compared with the rest of the graduates, who had an unemployment rate of 7.2 per cent.

### **3. Relationship of Job to Program of Study**

Almost three-quarters of the Hospitality graduates employed full-time were in jobs that utilized the skills and knowledge acquired during their years of study.

### **4. Annual Earnings of Graduates**

At the time of the survey, the average annual starting salary for Hospitality graduates was \$17,252.

### **5. Industry Sectors**

The Accommodation, Food, Beverage and Other Service Industries were the main industry sectors employing graduates from the Hospitality programs. Three out of four of the employed graduates were working in these industries at the time of the survey.

At the detailed level, industries employing at least ten graduates are listed in descending order of frequency in Table 23. This provides an indication of the types of industries hiring graduates from the Hospitality programs. The top three industries were as follows:

- Food Services
- Hotels, Motels and Tourist Courts
- Hospitals

## 6. Occupations

Almost two-thirds of the employed Hospitality graduates found jobs in the Service Occupations.

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table 24. This provides an indication of the types of occupation in which Hospitality graduates can find employment. The top five occupations were as follows:

- Supervisors, Food and Beverage Preparation
- Chefs and Cooks
- Food and Beverage Service Preparation
- Hotel Clerks
- Services Management Occupations

TABLE 22

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
HOSPITALITY PROGRAMS,  
NOVEMBER 1989

	DURATION	TOTAL GRADS	TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING	PER CENT FULL- TIME	PER CENT FULL- TIME IN JOB	AVERAGE ANNUAL SALARY
			#	%	#	%				
ENGLISH PROGRAMS										
HOSPITALITY										
CHEF TRAINING	1 YR	78	31	39.7	90.3	28	89.3	64.3	57.1	\$18,067
CULINARY MANAGEMENT	2 YR	125	58	46.4	96.6	56	98.2	69.6	64.3	\$17,789
HOSPITALITY MANAGEMENT	1 YR	9	7	77.8	71.4	5	100.0	80.0	80.0	\$8,278
HOTEL AND RESTAURANT MANAGEMENT	2 YR	328	221	67.4	86.9	192	93.2	84.4	72.4	\$16,011
HOTEL AND RESTAURANT ADMINISTRATION	3 YR	39	29	74.4	96.6	28	96.4	92.9	92.9	\$16,114
FOOD AND BEVERAGE MANAGEMENT	2 YR	93	44	47.3	93.2	41	92.7	80.5	78.0	\$18,105
HOSPITALITY ADMINISTRATION & SERVICE	3 YR	81	44	54.3	95.5	42	97.6	97.6	90.5	\$19,508
FOOD SERVICE SUPERVISOR	2 YR	30	23	76.7	95.7	22	90.9	68.2	59.1	\$24,978
FOOD SERVICE SUPERVISOR PD		10	0	0.0	--	--	--	--	--	--
FLIGHT SERVICES	1 YR	1	--	--	--	--	--	--	--	--
FOOD INDUSTRY TECHNICIAN	2 YR	17	13	76.5	53.8	7	85.7	85.7	85.7	\$18,941
FOOD ENGINEERING TECHY - PROCESSING	3 YR	19	7	36.8	85.7	6	83.3	83.3	66.7	\$18,494
TOTAL		830	477	57.5	89.5	427	93.9	81.7	73.5	\$17,328
TOTAL ENGLISH PROGRAMS		830	477	57.5	89.5	427	93.9	81.7	73.5	\$17,328
FRENCH PROGRAMS										
HOSPITALITY										
HOTEL AND RESTAURANT MANAGEMENT	2 YR	20	14	70.0	85.7	12	91.7	75.0	75.0	\$15,745
TOTAL		20	14	70.0	85.7	12	91.7	75.0	75.0	\$15,745
TOTAL FRENCH PROGRAMS		20	14	70.0	85.7	12	91.7	75.0	75.0	\$15,745

TABLE 22 (Cont'd)

		TOTAL IN THE SURVEY		GRADS IN LABOUR FORCE		PER CENT WORKING FULL-TIME	PER CENT WORKING FULL-TIME IN RELATED JOB	AVERAGE ANNUAL SALARY
DURATION	TOTAL GRADS	#	%	#	%	WORKING	PER CENT	
<b>BILINGUAL PROGRAMS</b>								
<b>HOSPITALITY</b>								
HOTEL AND RESTAURANT MANAGEMENT	2 YR	4	3	75.0	66.7	2	100.0	100.0
TOTAL		4	3	75.0	66.7	2	100.0	100.0
TOTAL BILINGUAL PROGRAMS		4	3	75.0	66.7	2	100.0	100.0
TOTAL HOSPITALITY PROGRAMS		854	494	57.8	89.3	441	93.9	81.6
								73.7
								\$17,252

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Note: See Appendix E for a list of abbreviations used in this table.



TABLE 23

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HOSPITALITY PROGRAMS,  
NOVEMBER 1989

INDUSTRY*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIB- UTION
FOOD SERVICES	111	14	125	36.0
HOTELS, MOTELS AND TOURIST COURTS	101	15	116	33.4
HOSPITALS	10	8	18	5.2
SUB-TOTAL	222	37	259	74.6
OTHER	79	9	88	25.4
TOTAL**	301	46	347	100.0

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\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE 24

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HOSPITALITY PROGRAMS,  
NOVEMBER 1989

OCCUPATION*	EMPLOYED FULL-TIME	EMPLOYED PART-TIME	EMPLOYED TOTAL	% DISTRIBUTION
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICE OCCUPATIONS	102	8	110	29.9
CHEFS & COOKS	51	13	64	17.4
FOOD & BEVERAGE SERVICE PREPARATION & RELATED OCCUPATIONS, N.E.C.	32	7	39	10.6
HOTEL CLERKS	29	1	30	8.2
SERVICES MANAGEMENT OCCUPATIONS	13	0	13	3.5
<b>SUB-TOTAL</b>	<b>215</b>	<b>29</b>	<b>256</b>	<b>69.6</b>
<b>OTHER</b>	<b>108</b>	<b>16</b>	<b>112</b>	<b>30.4</b>
<b>TOTAL**</b>	<b>323</b>	<b>45</b>	<b>368</b>	<b>100.0</b>

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\* Occupations are listed at the unit group (four-digit) level, as defined by the Canada Employment and Immigration Commission.

\*\* Total number of responses to question 14 in the survey, on the type of work of the employed graduates.

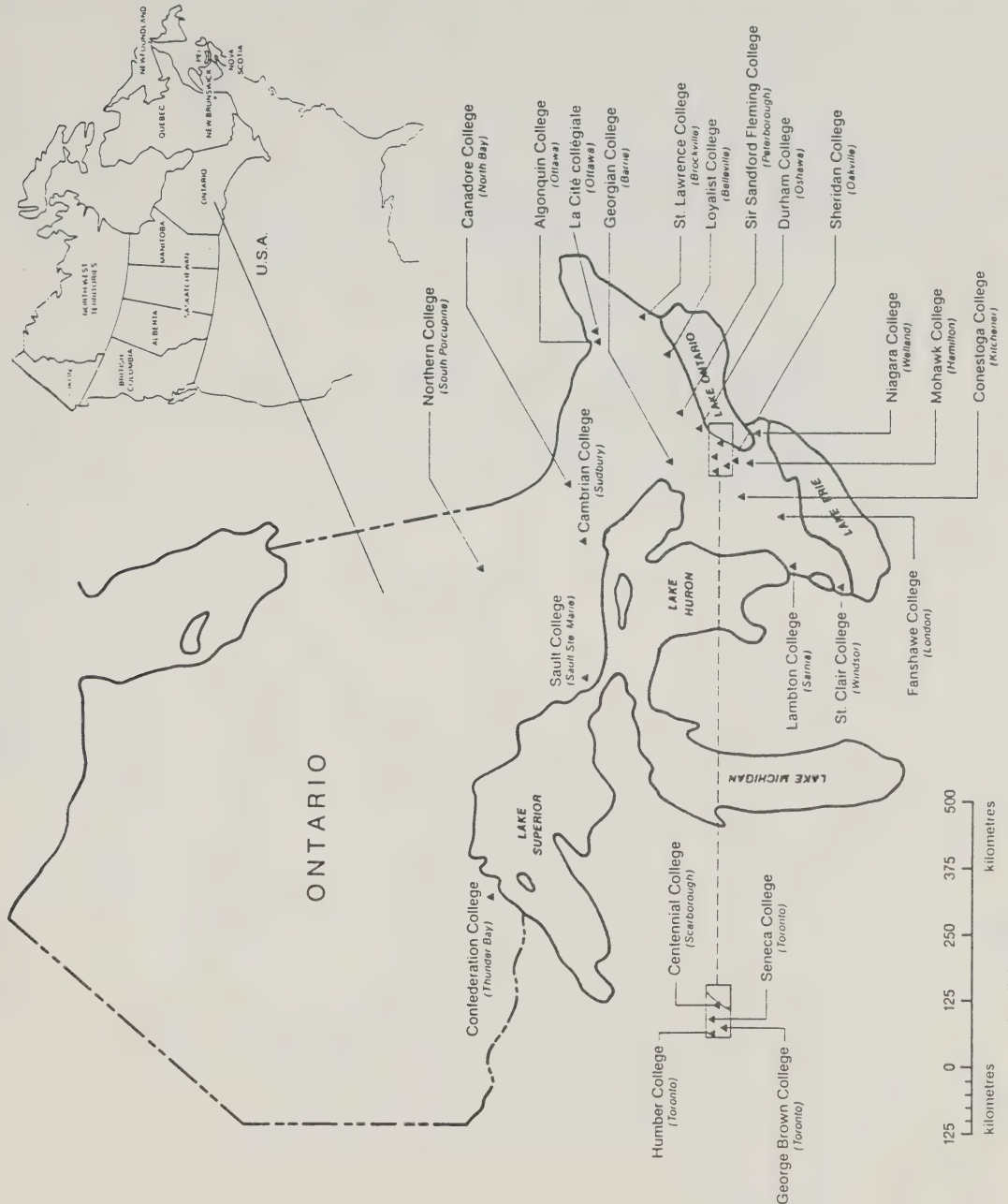


## APPENDICES





## GEOGRAPHIC LOCATIONS OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY (MAIN CAMPUSES)





## Appendix B

### SURVEY METHODOLOGY

#### Scope

The Graduate Employment Survey on which this report is based includes all the May 1989 (winter term) graduates of full-time postsecondary programs from the 22 Colleges of Applied Arts and Technology in Ontario. In that sense, it is a survey of the entire population and not just a sample.

#### Procedures

The Graduate Employment Survey is a mail survey conducted by the placement offices of the 22 colleges using a standard questionnaire, which is available in both English and French. The English-language version of the questionnaire follows on pages 111 to 114. The survey is conducted three times a year, once for each graduating class (i.e., winter, summer and fall terms). The graduates are surveyed six months after graduation. The reference weeks for the surveys are as follows:

Winter Term:	first week of November
Summer Term:	first week of March
Fall Term:	first week of July

Information about the employment status of the May 1989 (winter term) graduates was gathered through the survey for the reference week of November 5-11, 1989, which was approximately six months after graduation. Employment levels change over time, therefore, it is important to keep in mind that the survey findings show only the employment outcomes of college graduates during the week of November 5-11, 1989.

Each college mailed the questionnaire to all its May 1989 graduates. College placement staff telephoned graduates who had not responded to the survey, thereby ensuring a higher overall response rate. College staff then coded the questionnaires and sent the information to the Ministry of Colleges and Universities. Ministry staff compiled and consolidated the information from all 22 colleges.

All of the questions on the survey were close-ended and precoded, except question 10 (the type of industry in which the graduate found employment) and question 14 (the type of occupation in which the graduate found employment). In coding occupations, the CCDO (Canadian Classification and Dictionary of Occupations) codes as defined by Canada Employment and Immigration were used; in coding industries, the 1980 SIC (Standard Industrial Classification) codes as defined by Statistics Canada were used.

## Response Rate

Some questionnaires were non-deliverable because some graduates who had moved after graduation could not be located. The response rate was not adjusted for non-deliverable questionnaires, and those questionnaires were considered as non-respondents. Since the Graduate Employment Survey is not a random sample survey but rather a survey of the entire population, statistical methods used in a random sample survey do not generally apply. The assumption of no non-response bias is made, as it is in most socio-economic research.

The overall response rate was 68.8 per cent. The consistent survey methodology and the high overall response rate resulted in reliable data on the employment outcomes of college graduates.

Response Rate by College

Colleges	Total Number of Graduates	Total Responses	Response Rate
Algonquin	1,918	1,671	87.1
Cambrian	831	684	82.3
Canadore	590	489	82.9
Centennial	1,292	901	69.7
Conestoga	670	564	84.2
Confederation	749	646	86.2
Durham	818	501	61.2
Fanshawe	1,078	497	46.1
George Brown	2,295	1,116	48.6
Georgian	825	472	57.2
Humber	1,593	1,405	88.2
Lambton	277	177	63.9
Loyalist	702	585	83.3
Mohawk	1,068	701	65.6
Niagara	920	723	78.6
Northern	401	365	91.0
St. Clair	862	222	25.8
St. Lawrence	616	458	74.4
Sault	331	229	69.2
Seneca	1,892	654	34.6
Sheridan*	1,331	1,331	---
S. S. Fleming	1,127	887	78.7
TOTAL	22,186	15,278	68.8

Note: \* At the time this report was prepared, the total number of graduates reported for Sheridan College was the same as the number who returned the survey.



If a label has been provided, check that the information is correct. If not, please mark the necessary information or changes on the right.  
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.....	Name :
.....	Address :
.....	City/Prov. :
.....	Postal Code :
Telephone Number:	Phone No. : (     )

Student Number : .....

Diploma / Certificate Obtained : .....

Date Diploma / Certificate Obtained : .....

Program Name : ..... Non Co-op ☐ Co-op ☐

Program Duration :    1 Year ☐    2 Year ☐    3 Year ☐

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11      Student Number      19

**Instructions**

Please take a few minutes of your time to complete this questionnaire and return it as soon as possible in the enclosed self-addressed envelope. The data collected through this survey will help your college and others in the province to determine the success of students in the workplace. It is important that you carefully follow the instructions in the questionnaire and answer all the questions applicable to you. If you have any questions while completing this questionnaire you may contact the placement officer of your college at the telephone number given below.

**Freedom of Information and Protection of Privacy Act**

In accordance with section 39 (2) of the Freedom of Information and Protection of Privacy Act, this is to advise you that the personal information collected on this form will be used only for statistical purposes, such as the graduate placement reports, by the colleges of applied arts and technology and the Ministry of Colleges and Universities. This information is collected under the legal authority of the Ministry of Colleges and Universities Act R.S.O. 1980, C.272 and regulations. For further information you may contact the placement officer of your college at the address and telephone number given below.

# Part I Employment Status as of November 5 - November 11, 1989

Q1. During the week of November 5 to November 11, 1989 were you :

- employed ☐ (Go to **PART II**)  
 not employed but looking for a job ☐ (Go to **Q4.**)  
 not employed and not looking for a job ☐ (Go to **Q2.**)

Q2. What is the main reason you are not looking for employment ?  
 (check one box only)

- further full-time education at college ☐  
 further full-time education at university ☐  
 further full-time education at other institution ☐  
 travel ☐  
 health ☐  
 home or family responsibility ☐  
 other (specify) ☐

Q3. Have you ever looked for employment since graduation ?

- Yes ☐ (Continue with **Q4.**)  
 No ☐ (Go to **Q23.**)

Q4. Have you ever been employed since graduation ?

- Yes ☐ (Continue with **Q5.**)  
 No ☐ (Go to **Q22.**, complete Section A only)

Q5. What was the duration of your first job after graduation ?  
 (Please record number of months or weeks)

Months \_\_\_\_\_ or Weeks \_\_\_\_\_

Q6. What was the main reason for leaving your first job after graduation ?  
 (Check one box only)

- summer job ☐  
 temporary or contract only ☐  
 freelance ☐  
 laid off due to lack of work ☐  
 job not related to my program of study ☐  
 poor working conditions ☐  
 salary was too low ☐  
 no opportunity for advancement ☐  
 better job became available ☐  
 other (specify) ☐

Please continue with Part II.

## Part II Job Related Information

If you are **currently employed** please provide information about your current job. If more than one job is held at the same time, please complete for the job which occupies the most time per week.

If you are **currently not employed** but have held at least one job since graduation, please provide information relevant to your first job after graduation. If more than one job was held at the same time, please complete for the job which occupied the most time per week.

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1 9 8 9 1 1 0 5

20 Year/Month/Day 27

1 ☐  
 2 ☐  
 3 ☐  
 28

1 ☐  
 2 ☐  
 3 ☐  
 4 ☐  
 5 ☐  
 6 ☐  
 7 ☐  
 29

Y ☐  
 N ☐  
 30

Y ☐  
 N ☐  
 31

M ☐  
 W ☐  
 32 Units 33 Value 35

01 ☐  
 02 ☐  
 03 ☐  
 04 ☐  
 05 ☐  
 06 ☐  
 07 ☐  
 08 ☐  
 09 ☐  
 10 ☐  
 36 37



Q7. Are you providing information for :

current job ☐ first job ☐

Q8. When did you start your job ? (Please record month and year)

Month \_\_\_\_\_ Year 19 \_\_\_\_\_

Q9. Who is your employer ? (If self-employed, please indicate)

Name of Company / Organization \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Postal Code \_\_\_\_\_

Phone No. ( ) \_\_\_\_\_ Self-employed or freelance : Yes ☐ No ☐

Q10. What type of business, industry or service is this ? (e.g., Daycare Centre, Hospital, Auto Parts Manufacturer, Insurance Company, Engineering Firm, Municipal Government, etc)

\_\_\_\_\_

Q11. How many hours per week do you normally work at your job ? (Do not include overtime)

\_\_\_\_\_ hours per week

If you work **less than 30 hours** per week ,go to **Q12**

If you work **30 hours or more** per week, go to **Q13**

Q12. What is the main reason for working less than 30 hours per week ?  
(please check **one** box only)

full-time work in my field is under 30 hours per week ☐  
could only find part-time work ☐  
personal choice ☐  
own illness or disability ☐  
personal or family responsibilities ☐  
going to school full time ☐  
other (specify) \_\_\_\_\_ ☐

Q13. Is your job :

permanent (job has no specific termination date) ☐  
temporary (job has a specific termination date) ☐

Duration of time for the temporary job (Please record number of months or weeks)

Months \_\_\_\_\_ or weeks \_\_\_\_\_

Q14. What is your job title and what kind of work are you doing ?  
(e.g., Secretary - type reports, maintain filing system, arrange meetings/travel and direct telephone calls)

Job Title \_\_\_\_\_

Job Duties \_\_\_\_\_

Q15. Are the responsibilities of your job related to your program of study ?

Yes ☐ Partially ☐ No ☐

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C ☐  
F ☐  
38

\_\_\_\_\_  
39 Year Mth 44

Y ☐  
N ☐  
45

\_\_\_\_\_  
46 49

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50 53

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2  
3 ☐  
4  
5 54  
6  
7

P ☐  
T ☐  
55

M ☐  
W ☐  
56

Units

\_\_\_\_\_  
57 59

Value

\_\_\_\_\_  
60 Job CCDO 66

Y ☐  
P ☐  
N ☐  
67

Q16. What is the minimum educational qualification specified by your employer for your job ? (Please check **one** box only)

- college diploma / certificate ..... ☐  
 university degree ..... ☐  
 some post-secondary education ..... ☐  
 high school or less ..... ☐  
 other (specify) ..... ☐  
 not specified ..... ☐  
 unknown ..... ☐

Q17. What is your starting salary ? (Fill **one** box only)

\$/hour ..... [      ]  
 \$/week ..... [      ]  
 \$/month ..... [      ]  
 \$/year (annual) ..... [      ]

Those currently not employed go to Q22.

Q18. During the week of Nov. 5 - Nov. 11, 1989, did you hold more than one job ?

Yes ☐ Continue with Q19. No ☐ Go to Q22.

Q19. How many hours per week do you work at your other job ? \_\_\_\_\_

Q20. Are the responsibilities of your other job related to your program of study ?

Yes ☐ Partially ☐ No ☐

Q21. Are you currently employed but still actively seeking another job ?

Yes ☐ No ☐

### Part III Job Search Methods

Q22.	Section A	Section B
Job Search Methods	Which job search methods did you use ? (Check as many as appropriate)	Through which job search method did you find your main job ? (Check <b>one</b> only)
On-Campus Placement Office		
Teacher / Academic Depts		
Co-operative Education		
Internship / Field Placement		
Direct Contact with Employers		
Off-Campus Canada Employment Centre		
Private Employment Centre		
Newspaper, Journal, Media Ads		
Friends / Relatives		
Other (specify) _____		

Q23. Please attach a separate sheet for any comments you wish to make.

Q24. Please provide your signature and the date.

Signature

Date

Thank you for your co-operation

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Cols 1 - 4 Repeat  
 Card 4  
 Cols 9 - 27 Repeat

S T D 4  
 5 8

1  
 2  
 3  
 4  
 5 28  
 6  
 7

H  
 W  
 M  
 Y 29 30 Dollars/Cents 36

Y  
 N 37

38 41 2 Decimals

Y  
 P  
 N 42

Y  
 N 43

44  
 A  
 B  
 53

A = Checked A only  
 B = Checked A + B

## LIST OF PROGRAMS WITH ENROLMENT IN 1989-90,

BY COLLEGE

PROGRAMS	DURATION	INSTITUTIONS																							
		A L G O	C A M B	C A N T	C E N T	L A C C I	C O N S	C O N F	D U R H	F A N S	G R B R	G E O R	H U M B	L A Y B	L O O T	M O H A	N I A G	N O R T	S T C L	S L A W	S A U L	S E N E	S H E R	S F L	
Accounting Clerk - Microcomputer	1 Yr																								
Activation Co-ordinator	2 Yr	E	E		E	F		E		E		E	E	E								E		E	
Advertising	3 Yr																								
Air Carrier/Airport Management	2 Yr																								
Air Carrier/Airport Management Technology	3 Yr																								
Ambulance and Emergency Care	1 Yr	E	C		E	F	E		E																
Animal Care	3 Yr																								
Animal Care Technology	3 Yr																								
Animal Health Technician	2 Yr																								
Animal Health Technician	3 Yr																								
Animation	2 Yr	E																							
Animation - Television	2 Yr																								
Apparel Manufacturing Management	2 Yr										E														
Applied Research	2 Yr																								
Aquaculture Technician	2 Yr																								
Architectural Technician	2 Yr	E			E	F			E																
Architectural Technician	2 Yr																								
Architectural Technician	3 Yr	E			E	F			E																
Architectural Technology	P D	E																							
Arena Management	3 Yr																								
Art Conservation Techniques	3 Yr																								
Art Fundamentals	1 Yr																								
Assessment, Appraisal and Real Estate	2 Yr																								
Audio-Visual Technician	2 Yr																								
Automotive Parts Merchandising	1 Yr																								
Aviation Engineering Technician	2 Yr																								
Aviation Engineering Technician	3 Yr																								
Aviation Engineering Technology	3 Yr																								
Aviation Flight Technology	3 Yr																								
Aviation Pilot - Rotary Wing	P D																								
Aviation Technician - Aircraft Maintenance	2 Yr																								
Aviation Technician - Avionics Maintenance	2 Yr																								
Aviation Technician - Avionics Maintenance	2 Yr																								
Band Management	2 Yr																								
Behavioural Science	1 Yr																								
Behavioural Science Technician	2 Yr																								
Behavioural Science Technology	3 Yr																								
Behavioural Science Technology	3 Yr																								
Book and Magazine Publishing	2 Yr																								
Book and Magazine Publishing	P D																								
Broadcasting - Radio	P D																								
Broadcasting - Radio and Television	3 Yr																								
Broadcasting - Radio and Television	2 Yr																								
Broadcasting - Radio and Television	2 Yr																								
Bus Admin - Accountant/Programmer Analyst	3 Yr	E																							

# Appendix C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																								
		A L G O	C M B	C A N	C E N	C A W	C I T	L A C	C O N	C O N	C O N	D U R	F A R	G R B	G R B	H O M	L M B	L O Y	M H A	N A G	N O R	S L A	S L A	S H E	S F L	
Bus Techy - Info./Communication Systems	3 Yr																									
Bus. - Transportation and Distribution	2 Yr																									
Bus. Admin. - Automotive Marketing	3 Yr																									
Bus. Admin. - Human Resources Management	3 Yr																									
Bus. Admin. - Information Systems	3 Yr																									
Bus. Admin. - Prod. and Operations Mtg	3 Yr																									
Bus. Admin. - Small Business Management	3 Yr																									
Business - Accounting	2 Yr																									
Business - Advertising	2 Yr																									
Business - Finance	2 Yr																									
Business - Human Resources	2 Yr																									
Business - Information Systems	2 Yr																									
Business - Marketing	2 Yr																									
Business - Materials Management	2 Yr																									
Business - Office Systems	2 Yr																									
Business - Purchasing	2 Yr																									
Business - Retailing	2 Yr																									
Business - Sales	2 Yr																									
Business - Transportation and Distribution	2 Yr																									
Business Administration	3 Yr																									
Business Administration - Accounting	3 Yr																									
Business Administration - Finance	3 Yr																									
Business Administration - Marketing	3 Yr																									
Carpentry and Millwork - Heritage	2 Yr																									
Cartographic Technician	2 Yr																									
Ceramics	2 Yr																									
Chef Training	1 Yr																									
Chemical Engineering Technician	2 Yr																									
Chemical Engineering Technology	3 Yr																									
Child and Youth Worker	3 Yr																									
Chiropody	3 Yr																									
Civil Aviation - Air Traffic Services	3 Yr																									
Civil Engineering Technician	2 Yr																									
Civil Engineering Technology	3 Yr																									
Clinical Methods in Orthotics/Prosthetics	P D																									
Coaching Techniques	2 Yr																									
College Opportunities	2 Yr																									
College Vocational	2 Yr																									

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																								
		A L G O	C M B	C A N T	C E A C I	C O N S	C O N F	D U R H	F A N S	G R B R	G O R R	H U M B	L A M B	L O Y T	M O H A	N I A G	N O R T	S T C L	S L A W	S A U L	S E N E	S H E R	S F E R			
College Vocational	3 Yr																					E				
College Vocational	1 Yr																									
Commercial Art	2 Yr																									
Communicative Disorders Assistant	P D																									
Community Gerontology	2 Yr																									
Community Integration Through Coop Educ.	2 Yr																									
Community Planning	2 Yr																									
Community Worker	2 Yr																									
Computer Animation	P D																									
Computer Applications for Exceptionalities	P D																									
Computer Graphics	P D																									
Computer Operator	1 Yr																									
Computer Programmer	2 Yr																									
Computer Programmer Analyst	3 Yr																									
Computer Systems Technician	2 Yr																									
Computer Systems Technology	3 Yr																									
Construction Carpentry Techniques	1 Yr																									
Construction Engineering Technology	3 Yr																									
Correctional Worker	2 Yr																									
Cosmetic Sales	1 Yr																									
Cosmetic Techniques	2 Yr																									
Courseware Design and Production	P D																									
Court Reporting - Machine Shorthand	3 Yr																									
Court Reporting - Stenomask	1 Yr																									
Crafts and Design	3 Yr																									
Creative Advertising	2 Yr																									
Culinary Arts - Italian	P D																									
Culinary Management	2 Yr																									
Day Care Assistant	1 Yr																									
Dental Assistant	1 Yr																									
Dental Hygiene	2 Yr																									
Dental Hygiene - Expanded Duties	3 Yr																									
Dental Technology	3 Yr																									
Denture Therapy	3 Yr																									
Design - Urban	3 Yr																									
Design Arts - Creative Arts	3 Yr																									
Design Arts - Industrial	3 Yr																									
Design Arts - Industrial Design	2 Yr																									
Dev. Care for the Mentally Retarded	P D																									



# Appendix C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																				
		A L G O	C M B	C A N A	C E N T	L A C C I	C O N F	C U R R H	D U R H	F A N S	G O B R	G O B B	H U M B	L O O T	M O H A	N I A G	N O R T	S L A W	S A U L	S E N E	S H E R	S S F L
Developmental Services Worker	2 Yr	E	C		E	F				E	E	E	E	E			C	E	E			
Drafting Technician	2 Yr	E	E	E	E	F	E	E		E	E	E	E	E			C	E	E	E	E	E
Early Childhood Education	2 Yr	E	C														C	E	E	E	E	E
Early Childhood Education-Special Needs	P D																					
Educational Assistant	2 Yr																					
Educational Resources and Special Needs	2 Yr																					
Electrical Engineering Technology	3 Yr																					
Electronics Engineering - Biomedical	P D																					
Electronics Engineering Technician	2 Yr																					
Electronics Engineering Technology	3 Yr																					
Electronics Servicing Techniques	1 Yr	E	C	E	E	F	E	E	E	E	E	E	E	E	E	E	C	E	E	E	E	E
Electronics Technician - General Servicing	2 Yr	E	C																			
Employment Counsellor	3 Yr																					
Environmental Pest Management	2 Yr																					
Equine Studies	2 Yr																					
Equine Studies-Horse Care and Equine Skills	1 Yr																					
Esthetician	2 Yr																					
Family Violence - Counsellor and Advocate	2 Yr																					
Farm Business Management	2 Yr																					
Fashion Arts	3 Yr																					
Fashion Arts - Modelling and Fashion	2 Yr																					
Fashion Merchandising	2 Yr																					
Fashion Merchandising	3 Yr																					
Fashion Sales and Modelling	1 Yr																					
Fashion Technique and Design	2 Yr																					
Film and Television Production	3 Yr																					
Film Production	2 Yr																					
Fine Art	3 Yr																					
Fine Arts and Crafts	2 Yr																					
Fire Protection Technician	2 Yr	E																				
Fire Protection Technology	3 Yr																					
Fish and Wildlife Technician	2 Yr																					
Fish and Wildlife Technology	3 Yr																					
Fitness Instructor	2 Yr																					
Flight Instructor Training	1 Yr																					
Flight Services	1 Yr																					
Food and Beverage Management	2 Yr																					
Food Engineering Technology - Processing	3 Yr																					
Food Industry Technician	2 Yr																					



PROGRAMS		DURATION	INSTITUTIONS OFFERING PROGRAMS																								
			A L G O	C A M B	C A N T	C E N T	C A C I	C O N S	C O N F	C U R H	D U R H	F A N S	G R B R	G E O M B	H U M B	L A O Y T	L O O H A	M O I A G	N O R T	N T C L	S L A U	S A U L	S E N E	S H E R	S F F L		
Food Service Supervisor		P D		E	E								E														E
Food Service Supervisor		2 Yr																									E
Forest Management Technology		3 Yr																									E
Forest Recreation Technician		2 Yr																									E
Forestry Technician		2 Yr	E			F								E													E
Forestry Technology		3 Yr																									E
Funeral Service Education		2 Yr																									E
Furniture Products Techniques		1 Yr																									E
Furniture Technician		2 Yr																									E
Gemology		1 Yr																									E
General Arts and Science		2 Yr																									E
General Arts and Science - Advanced		3 Yr																									E
General Vocational Preparation		1 Yr																									E
Geological Engineering Technician		2 Yr																									E
Geological Engineering Technology		3 Yr																									E
Geoscience Environmental Technology		3 Yr																									E
Geoscience Environmental Technology		2 Yr																									E
Government Administration		2 Yr																									E
Graphic Arts Reproduction - Prod. Co-ord.		3 Yr																									E
Graphic Design		3 Yr																									E
Graphic Design		2 Yr	E			E																					E
Graphic Design Fundamentals		P D																									E
Graphic Sign Design and Production		2 Yr																									E
Health Office Administration		2 Yr																									E
Health Records Administration		2 Yr																									E
Health Records Technician		2 Yr																									E
Heavy Equipment Specialist		P D																									E
Heavy Equipment Technician - Construction		2 Yr																									E
Horticultural Technician		2 Yr																									E
Hospitality Administration and Services		3 Yr																									E
Hotel and Restaurant Administration		3 Yr																									E
Hotel and Restaurant Management		2 Yr	E	A	C	F																					E
Human Relations		2 Yr																									E
Human Resources Management		P D																									E
Human Services Administration		2 Yr																									E
Human Services Counsellor		2 Yr																									E
Industrial Design		3 Yr																									E
Industrial Eng. Technology - Management		3 Yr																									E
Industrial Engineering Technician		2 Yr																									E
Industrial Engineering Technology		3 Yr	E			E																					E

# Appendix C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																									
		A L G O	C M B	C A N A	C A N A	C E N T	C L A C I	C O N C S	C O N F H	D U R H	F A N S	G R B	G O O R	H U M B	L A M B	L O Y H A	M O H A	N I A G	N O R T	S T C L	S L A W	S A U L	S E N E	S H E R	S F E R	S L	
Industrial Mechanical Techniques	1 Yr																										
Industrial Relations	3 Yr																										
Infant and Toddler Care	P D	E													E												
Instrumentation Eng. Techn. - Industrial	2 Yr														E												
Instrumentation Engineering Technician	1 Yr														E												
Instrumentation Engineering Techniques	3 Yr		E												E												
Instrumentation Engineering Technology	2 Yr														E												
Insurance	2 Yr														E												
Interior Design	2 Yr														E												
Interior Design	3 Yr	E													E												
International Business	3 Yr														E												
International Business Management	P D														E												
International Health Service	P D														E												
International Traffic and Customs Admin.	3 Yr														E												
International Traffic and Customs Assistant	2 Yr														E												
Investment Sales Assistant	1 Yr														E												
Jewellery Arts	3 Yr														E												
Jewellery Repairs	3 Yr														E												
Journalism - Print and Broadcasting	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Journalism - Print and Broadcasting	3 Yr																										
Laboratory Assistant - Industrial	1 Yr	E																									
Landscape Technician	2 Yr																										
Landscape Techniques	1 Yr																										
Landscape Technology	3 Yr																										
Law and Security Administration	2 Yr	E	C	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Legal Administration	3 Yr																										
Legal Assistant	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Legal Technician - Civil	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Library Technician	2 Yr	E																									
Machine Shop	1 Yr																										
Manufacturing Engineering Technology	3 Yr																										
Manufacturing Technician - Wood Products	2 Yr																										
Marina Technology	3 Yr																										
Marine Engineering Technology	3 Yr																										
Marine Technology - Navigation	3 Yr																										
Marketing Management	P D																										
Materials Management	3 Yr	E																									
Materials Testing Technician	2 Yr																										
Mech. Eng. Technician - Machining	2 Yr	E																									

# Appendix C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																						
		A L G O	C A M B	C A N T	C E A N T	L A C I	C O N F	C O O R D	D U R H	F A R R	G E O R	G H U M B	L A O Y T	L O O H A	M I O R T	N O R T	S T C L	S L A U	S E A N	S H E R	S S F L			
Mech. Techn - Numerical Control Machining	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Mechanical Engineering Technician	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Mechanical Engineering Technology	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Media Arts	P D	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Medical Diagnostic - Ultrasonography	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Medical Laboratory Technology	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Medical Transcriptionist - Health Records	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Microcomputer Management	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Mining and Mineral Processing	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Mining Engineering Technician	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Mining Engineering Technology	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Motive Power Technician	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Motive Power Techniques - Heavy Equipment	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Motive Power Techniqs-Small Powered Equip.	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Museum Technology	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Music	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Music Industry Arts	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Music Theatre - Performance	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Native Child and Family Worker	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Native Community Care Counselling & Dev.	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Native Counsellor	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Native Education - Business and Tourism	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Native Recreation Worker	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Natural Resources Techny - Law Enforcement	P D	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Nursing	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Nursing Assistant	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Occupational Therapy	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Certificate - Executive	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Certificate - General	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Certificate - Legal	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Certificate - Medical	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Certificate - Word Processing	1 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Diploma - Executive	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Diploma - Information Systems	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Diploma - Legal	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Diploma - Medical	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Admin. Diploma - Word Processing	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Office Systems Administration	3 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
Ophthalmic Dispenser	2 Yr	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		

# Appendix C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																							
		A L G O	C A M B	C A N A	C E N T	C L A N C I	C O N S	C O N F	D U R H	F A N S	G R O R	G E O R	H U M B	L A M B	L O Y T	M O H A	N I A G	N O R T	S T C L	S L A W	S A U L	S E N E	S H E R	S S F L	
Orthotic/Prosthetic Technician	2 Yr										E		E			E									
Packaging Design	3 Yr																								
Packaging Management and Technology	3 Yr																								
Parks and Forest Recreation Technology	3 Yr																								
Parts Management and Merchandising	1 Yr																								
Performing Arts - Administration	2 Yr																								
Pharmacy Assistant	1 Yr	E	E					E		E			E												
Photography	2 Yr																								
Photography - Advanced	3 Yr																								
Photojournalism	2 Yr																								
Physical Distribution	2 Yr																								
Physical Fitness Management	3 Yr																								
Physiotherapy	3 Yr																								
Piano Technician	2 Yr																								
Pre-Health Science	1 Yr																								
Pre-Health Science	1 Yr																								
Printing Technician	2 Yr	E																							
Printing Technology	3 Yr																								
Property Management	2 Yr	E																							
Protective Security	1 Yr	E																							
Public Relations	2 Yr	E																							
Public Relations	3 Yr	E																							
Public Relations	P D																								
Public Relations	P D																								
Radiography	2 Yr																								
Records and Information Management	2 Yr																								
Recreation for Special Populations	P D	E																							
Recreation Leadership	2 Yr	E																							
Recreation - Parks Operation and Services	2 Yr	E																							
Recreation Resources Management	P D																								
Recreational Merchandising	2 Yr																								
Reg. Nursing Assistant-Psychiatric Nursing	P D																								
Registered Nurse Assistant - Operating Room	P D																								
Registered Nurse - Critical Care Nursing	P D																								
Registered Nurse - Operating Room	P D																								
Registered Nurse - Perinatal Nursing	P D																								
Registered Nurse - Refresher	P D																								
Regulatory Law Administration	P D																								
Rehabilitation Worker	2 Yr																								
Residential Construction Management	2 Yr																								



PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS																							
		A L O	C M B	C A N A	C E N T	C L A C I	C O N F	C O H H	D U R H	F A N S	G R B R	G E O R	H U M B	L A M B	L O O T	M O H A	N I A G	N O R T	S T C L	S L A W	S A U L	S E N E	S H E R	S F F L	
Resources Engineering Technician	2 Yr														E								E	E	
Resources Engineering Technology	3 Yr														E								E	E	
Resources Eng. Techny - Environmental	3 Yr																								
Resources Technician - Drilling	2 Yr																								
Respiratory Therapy	3 Yr	E				F				E															
Retail Floriculture	2 Yr																								
Retail Florist	1 Yr	E				F																			
Retail Management	3 Yr																								
Retailing	1 Yr																								
Safety Engineering Technology	3 Yr																								
Sales	1 Yr																								
Security Systems Implementation and Design	3 Yr																								
Sign Language Communicator	2 Yr																								
Sign Language Interpreter	2 Yr																								
Ski Resort Operations and Management	3 Yr																								
Small Business Management	2 Yr																								
Small Business Management	1 Yr																								
Small Business - Office Automation	2 Yr																								
Small Craft and Marina Technician	1 Yr																								
Social Service Worker	2 Yr																								
Special Constable	2 Yr	E																							
Sports and Entertainment Administration	1 Yr	C	E	E	F	E	E	E																	
Sports Equipment Specialist	1 Yr																								
Sports Injury Management	3 Yr																								
Stationary Engineering	2 Yr																								
Stationary Engineering	1 Yr																								
Stationary Engineering Technology	2 Yr																								
Survey Technician	3 Yr	E																							
Survey Technology	2 Yr	E																							
Systems Analyst	3 Yr																								
Teacher Aide	P D																								
Technical Writer	2 Yr																								
Telecommunications Management	3 Yr	E																							
Terrain and Water Resources Technician	P D																								
Terrain Geology Technology	2 Yr																								
Textile Technology Management	3 Yr																								
Theatre Arts	3 Yr																								
Theatre Arts - Production	3 Yr																								
Tourism Management	2 Yr																								
	3 Yr																								

# APPENDIX C (Cont'd)

PROGRAMS	DURATION	INSTITUTIONS OFFERING PROGRAMS															
		A	C	C	C	C	C	D	F	G	G	H	L	L	M	N	N
		L	A	A	E	L	O	O	F	C	O	N	N	O	R	T	L
		G	M	N	T	I	S	H	S	R	R	B	T	A	G	A	L
		O	B	A													
		E		E	F	E		E				E					
	2 Yr	E															
	2 Yr	E															
	1 Yr																
	2 Yr																
	2 Yr																
	2 Yr																
	3 Yr																
	1 Yr																
	P D																
Translation Support Techniques																	
Travel and Tourism																	
Underwater Skills																	
Visual and Creative Arts - Fine Arts																	
Visual Merchandising Arts																	
Welding Engineering Technician																	
Welding Engineering Technology																	
Welding Techniques																	
Wellness and Lifestyle Management																	

## Codes in Table:

- E = English
- F = French
- B = Bilingual
- A = English & French
- C = English & bilingual
- PD = Postdiploma

## Note:

- The programs listed under La Cité collégiale are the French-language programs that were transferred from Algonquin and St. Lawrence to La Cité collégiale.
- Since 1989-90, colleges may have cancelled some of their existing programs and/or introduced new programs. Readers are advised to contact the individual colleges for up-to-date information on their program offerings.
- See Appendix E for a list of abbreviations used in this table.



## Appendix D

### LIST OF CAREER-PLANNING AND PLACEMENT OFFICES

College	Telephone
Algonquin College 1385 Woodroffe Avenue Nepean, Ontario K2G 1V8	(613) 727-7679
Cambrian College 1400 Barrydowne Road Station "A" Sudbury, Ontario P3A 3V8	(705) 566-8101 Ext. 422
Canadore College P. O. Box 5001 100 College Drive North Bay, Ontario P1B 8K9	(705) 474-7600 Ext. 185
Centennial College P. O. Box 631, Station A 651 Warden Avenue Scarborough, Ontario M1K 5E9	(416) 439-7180 Ext. 2249
La Cité Collégiale 2465, boulevard Saint-Laurent Ottawa (Ontario) K1G 5H8	(613) 744-5050
Conestoga College 299 Doon Valley Drive Kitchener, Ontario N2G 4M4	(519) 748-5220 Ext. 219
Confederation College 1450 Nakina Drive P. O. Box 398 Thunder Bay, Ontario P7C 4W1	(807) 475-6113

College	Telephone
Durham College Box 385 2000 Simcoe St. N. Oshawa, Ontario L1H 7L7	(416) 576-0210 Ext. 340
Fanshawe College P. O. Box 4005 1460 Oxford Street East London, Ontario N5W 5H1	(519) 452-4294
George Brown College P. O. Box 1015, Station "B" 500 MacPherson Avenue M5T 2T9	(416) 867-2100
Georgian College 1 Georgian Drive Barrie, Ontario L4M 3X9	(705) 722-1581 1-800-461-9696
Humber College 205 Humber College Blvd. Etobicoke, Ontario M9W 5L7	(416) 675-5028
Lambton College 1457 London Road P. O. Box 969 Sarnia, Ontario N7T 7K4	(519) 542-7751 Ext. 313
Loyalist College P. O. Box 4200 Wallbridge Cres-Loyalist Road Belleville, Ontario K8N 5B9	(613) 962-9501 Ext. 240
Mohawk College Fennell Avenue & West 5th P. O. Box 2034 Hamilton, Ontario L8N 3T2	(416) 575-1212 Ext. 3152

<b>College</b>	<b>Telephone</b>
Niagara College P. O. Box 1005 Woodlawn Road Welland, Ontario L3B 5S2	(416) 735-2211 Ext. 787
Northern College Highway 101 P. O. Box 2002 South Porcupine, Ontario P0N 1H0	(705) 235-3211 Ext. 243
St. Clair College 2000 Talbot Road West Windsor, Ontario N9A 6S4	(519) 972-2712
St. Lawrence College 2288 Parkedale Avenue Brockville, Ontario K6V 5X3	(613) 345-0660
Sault College P. O. Box 60 443 Northern Avenue Sault Ste. Marie, Ontario P6A 5L3	(705) 759-6713
Seneca College 1750 Finch Avenue East North York, Ontario M2J 2X5	(416) 491-5050 Ext. 2066
Sheridan College 1430 Trafalgar Road Oakville, Ontario L6H 2L1	(416) 849-2822
Sir Sandford Fleming College Brealey Drive Peterborough, Ontario K9J 7B1	(705) 743-5610 Ext. 314



## Appendix E

### LIST OF ABBREVIATIONS

This section provides a list of abbreviations used in the tables presented in this report.

Admin. ....	Administration
Appl. ....	Applications
Asst. ....	Assistant
Bus. ....	Business
Co-ord. ....	Co-ordinator
Co-op. ....	Co-operative
Devel. ....	Development
Educ. ....	Education
Enforce. ....	Enforcement
Eng. ....	Engineering
Equip. ....	Equipment
Grads. ....	Graduates
Info. ....	Information
Intro ....	Introduction
Mech. ....	Mechanical
Mgt. ....	Management
Micro. ....	Microcomputer
Multidisc. ....	Multidiscipline
N.E.C. ....	Not Elsewhere Classified
Prod. ....	Production
Reg. ....	Registered
Reprod. ....	Reproduction
Retard. ....	Retarded
Spec. ....	Specialist
Techn. ....	Technician
Techqs. ....	Techniques
Techy. ....	Technology
Telecom. ....	Telecommunications

This section provides a list of college abbreviations.

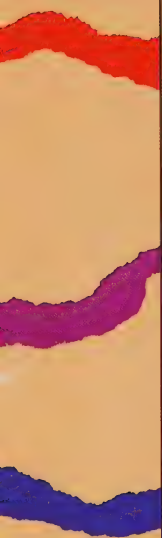
ALGO .....	ALGONQUIN
CAMB .....	CAMBRIAN
CANA .....	CANADORE
CENT .....	CENTENNIAL
LACI .....	LA CITÉ
CONS .....	CONESTOGA
CONF .....	CONFEDERATION
DURH .....	DURHAM
FANS .....	FANSHAWE
GRBR .....	GEORGE BROWN
GEOR .....	GEORGIAN
HUMB .....	HUMBER
LAMB .....	LAMBTON
LOYT .....	LOYALIST
MOHA .....	MOHAWK
NIAG .....	NIAGARA
NORT .....	NORTHERN
STCL .....	ST. CLAIR
SLAW .....	ST. LAWRENCE
SAUL .....	SAULT
SENE .....	SENECA
SHER .....	SHERIDAN
SSFL .....	SIR SANDFORD FLEMING



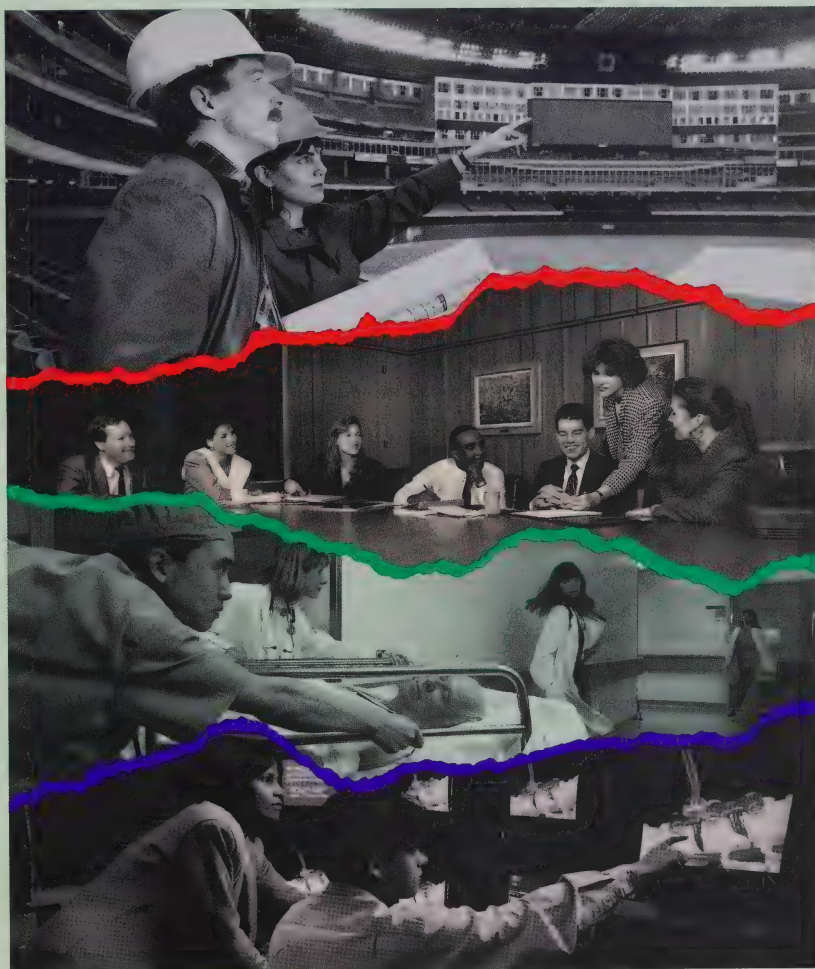








# EMPLOYMENT PROFILE



1990-91 GRADUATES OF ONTARIO COLLEGES  
OF APPLIED ARTS AND TECHNOLOGY





**EMPLOYMENT PROFILE**

**1990-91 GRADUATES OF ONTARIO COLLEGES**

**OF APPLIED ARTS AND TECHNOLOGY**

*This report provides a snapshot picture of the employment experiences of college graduates six months after graduation. It is based on the Graduate Employment Survey undertaken jointly by the Ministry of Education and Training and the Career Planning and Placement Staff of the Colleges of Applied Arts and Technology in Ontario.*

**Ministry of Education and Training**  
**March 1993**

*(Ce rapport est également disponible en français.)*

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## FOREWORD

This employment profile of Ontario college graduates summarizes the employment experience of 1990-91 graduates approximately six months after their graduation. The report is based on the findings of the Graduate Employment Survey conducted by the 23 Colleges of Applied Arts and Technology in Ontario during 1991.

The survey provides data on the graduates' employment status, earnings, industry of employment, occupation and on the relationship of the graduates' occupations to their training. It should be noted that the results of the survey apply to a period of only one week, whereas the situation of graduates could well change over time.

The survey results provide useful information for secondary school students who are making career choices and program selections, for counsellors who work with and advise students, and for college administrators who make programming decisions in response to the changing needs of the labour market. They can also serve as a useful tool for employers in their recruitment efforts. Finally, the survey results assist the Ministry of Education and Training in program analysis and policy development.

The co-operation of graduates in responding to the Graduate Employment Survey helped to develop a useful source of labour market information that will facilitate the improvement of training programs and help counsellors, educators, and administrators in their work. The career-planning and placement staff of the individual colleges conducted the survey of their graduates and submitted the data to the Ministry of Education and Training. Ministry staff compiled and consolidated the data from the 23 colleges and prepared this report.

Queries and comments regarding the report can be sent to:

Grants Administration Branch  
Ministry of Education and Training  
9th Floor, Mowat Block  
900 Bay Street  
Toronto, Ontario  
M7A 1L2



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## HIGHLIGHTS

### Employment Outcomes

- Six months after their graduation, 15,319 or 84.9 per cent of the 1990-91 postsecondary college graduates who were in the labour force were employed. Of these, 12,468 graduates (69.2 per cent of those in the labour force) were employed in full-time jobs; 2,648 graduates (14.7 per cent) held part-time jobs.

Overall, 9,995 graduates (55.4 per cent of those in the labour force) reported having full-time jobs in their field of study; 2,251 graduates (12.5 per cent) indicated they were in jobs unrelated to their program of study.

- The employment rate for female graduates was 88.0 per cent, while that for males was 80.1 per cent.
- The employment outcomes of college graduates varied, depending on the program area. A comparison of the employment rates and the proportion of graduates in the labour force employed full time in related jobs by program area is given in the following table:

<u>Program Areas</u>	<u>Percentage Employed</u>	<u>Percentage Employed Full Time</u>	<u>Percentage Employed Full Time in Related Jobs</u>
Social Services	87.1	68.2	53.8
Visual and Creative Arts	82.4	65.9	44.6
Hospitality	87.6	76.2	67.6
Office and Business Administration	84.0	72.8	57.6
Health Technology	93.4	77.9	70.9
Nursing and Related	92.4	56.3	53.0
Technology	76.3	69.7	52.5
TOTAL	84.9	69.2	55.4

## **Average Annual Earnings of Graduates**

- In 1991, college graduates reported an average annual starting salary of \$24,097.
- The average annual starting salary for female graduates was \$23,489 and that for males was \$25,161.
- There was a wide variation in the earnings of graduates by program area. Graduates who earned above-average salaries had been enrolled in the following program areas: Nursing and Related (\$30,511), Health Technology (\$28,637), and Technology (\$25,636).

## **Industry Sectors**

- More than half the employed college graduates were working in the Service Industries, which include Health and Social Services Industries (33 per cent), Business Services Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (9 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade sector hired 13 per cent of the employed graduates. It was followed by Public Administration (9 per cent) and Manufacturing (8 per cent).

## **Occupations**

- Almost half the employed college graduates worked in professional support occupations in Medicine and Health (22 per cent), Natural Sciences and Engineering (8 per cent), Social Sciences (7 per cent), Teaching and Related (6 per cent), and Artistic, Literary, Performing Arts and Sports and Recreation (4 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a clerical occupation. About 15 per cent of the employed graduates were engaged in Sales or Service occupations.



## INTRODUCTION

Since its introduction in 1965, Ontario's college system has evolved to include 23 colleges with approximately 90 campuses in 60 cities and towns throughout the province. In addition, the college system provides a continuing presence through regular courses or programs in approximately 300 additional communities. Appendix C (page 115) shows the geographic location of the main campus for each college.

Colleges of Applied Arts and Technology offer a wide range of programs. Their postsecondary programs vary in duration from one to three years and are aimed at providing education and skills training in the areas of Applied Arts, Business, Health Sciences, and Technology to students who have completed their secondary school diploma. Adult training programs are non-postsecondary programs usually less than one year in duration and are aimed at providing academic upgrading, language training, and vocational skills to adults in the labour force. Students can take both postsecondary and non-postsecondary programs on a full-time or part-time basis. The colleges also provide a range of industrial training programs, such as the in-school portion of apprenticeship training and contract training to individual employers. In addition, they offer continuing education programs covering a wide variety of career-oriented and general interest courses.

This report provides information only on the labour market experience of full-time students who graduated from college postsecondary programs. It looks at the employment experience of the graduates six months after graduation and hence only paints a picture of transition from school to work. It should be noted that the results of the survey provide only a snapshot of the employment status of graduates during a one week period, whereas the situation of the graduates could well change over time. A brief description of the methodology used to collect information on the labour market experience of college graduates is provided in Appendix B (page 109).

Chapter I summarizes the employment profile of 1990-91 graduates of Colleges of Applied Arts and Technology in Ontario. Chapter II provides information on the employment status and earnings of graduates by program areas at the provincial level. It also identifies the major industry sectors and the types of occupations in which college graduates find employment.



# USER'S GUIDE

To assist the reader, this section provides definitions of terms presented in the report.

## Definitions of Terms

**Reference Weeks:** The weeks in which the Graduate Employment Survey were conducted. (March 3-9, 1991; July 7-13, 1991; November 3-9, 1991)

**Labour Force:** Persons who were employed or unemployed but looking for work during the reference week.

**Participation Rate:** The labour force expressed as a percentage of the population in the survey.

**Not in the Labour Force:** Persons who, during the reference week, were neither employed nor unemployed. It includes those attending school full time, travelling, or staying home for health reasons or because of family responsibilities.

**Employed:** Persons who, during the reference week, did any work, whether:

- full time or part time
- salaried or self-employed
- permanent or temporary
- related or unrelated to the program of study

**Full-time Employment:** At least 30 hours of work per week, or less than 30 hours per week if that is considered full-time employment in a particular field.

**Part-time Employment:** Less than 30 hours of work per week.

**Employment Rate:** The number of employed persons expressed as a percentage of the labour force.

**Unemployed:** Persons who, during the reference week, were without work but were looking for work.

**Unemployment Rate:** The number of unemployed persons expressed as a percentage of the labour force.

## A Note on the Freedom of Information and Protection of Individual Privacy Act

To maintain adequate confidentiality in light of the Freedom of Information and Protection of Individual Privacy Act, employment information is not presented in this report for categories in which the total number of graduates or the number in the labour force is equal to one. Salary information is not presented for categories in which fewer than four graduates reported salaries.



## Chapter I

### OVERVIEW OF SURVEY RESULTS

This chapter summarizes the general findings of the Graduate Employment Survey for all respondents that graduated in the 1990-91 academic year. It provides information on the number of graduates, their labour force and employment status, their job start date, the relationship between their jobs and programs of study, and their annual earnings. It also identifies the major industry sectors and the types of occupations in which college graduates found employment.

#### A. Number of Graduates

During the 1990-91 academic year, 28,453 full-time students graduated from postsecondary programs in the 23 Colleges of Applied Arts and Technology in Ontario. Of these, some full-time students had transferred to part-time studies and then graduated. The breakdown by graduating term and the full-time/part-time status at the time of graduation appears below:

##### Total Graduates - Class of 1990-91

<b>Graduating Term</b>	<b>Full-time Status</b>	<b>Part-time Status</b>	<b>Total</b>
Summer 1990	2,235	390	2,625
Fall 1990	2,081	411	2,492
Winter 1991	21,782	1,554	23,336
<b>Total 1990-91</b>	<b>26,098</b>	<b>2,355</b>	<b>28,453</b>

- The Graduate Employment Survey was conducted three times a year, once for each graduating class. The graduates were surveyed six months after graduation. The reference weeks for the surveys were as follows:

<b>Graduating Term</b>	<b>Reference Week</b>
Summer 1990	March 3-9, 1991
Fall 1990	July 7-13, 1991
Winter 1991	November 3-9, 1991

A total of 21,102 graduates responded to the surveys. This represents a response rate of 74.2 per cent. The information on the labour market success of college graduates presented in this report is based on these responses.

## **General Profile of 1990-91 Graduates**

- 17,287 women graduated from the colleges. This represents sixty-one per cent of the total graduates (28,453). In all divisions, except Technology, female graduates outnumbered male graduates.
- Slightly less than a third of the graduates were from the Applied Arts division. Similarly, slightly less than a third were from the Business division. Health Sciences graduates accounted for nearly 20 per cent and Technology graduates for 18 per cent of the total.



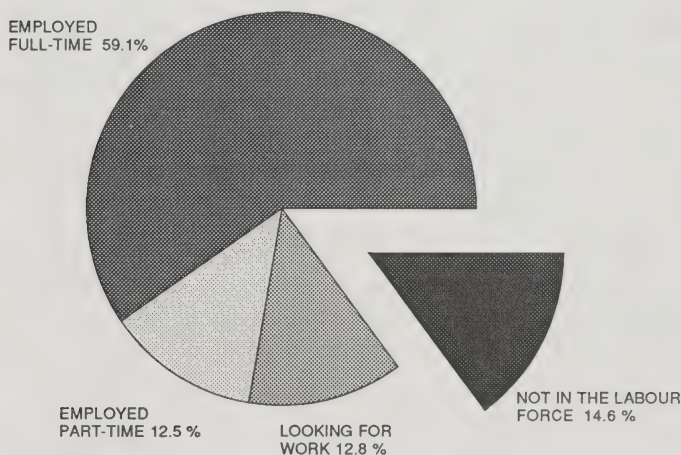
## B. Labour Force Status of Graduates

The labour force status of all graduates who responded to the survey is illustrated in Figure 1.

- Of the 21,102 graduates who responded to the survey, 3,075 graduates (14.6 per cent) were neither working nor looking for work at the time of the survey. Of the 3,075 graduates who were not in the labour force, 2,497 (81.2 per cent) were pursuing their education full time at a college, university, or other postsecondary institution. The others were not in the labour force due to health, family responsibilities, or other reasons.
- Of the 21,102 graduates who responded to the survey, 15,319 (72.6 per cent) were employed at the time of the survey; 12,468 (59.1 per cent) in full-time jobs and 2,648 (12.5 per cent) in part-time jobs. 2,708 graduates (12.8 per cent of the respondents) were looking for work.<sup>1</sup>

FIGURE 1

### LABOUR FORCE STATUS OF COLLEGE GRADUATES\*, 1991



(Values based on 21,102 Respondents.)

- \* Figures do not add up to 100.0 per cent because the data exclude 203 employed graduates (1.0 per cent) whose full-time/part-time status is not known.

<sup>1</sup> This percentage is not the unemployment rate. It represents the number of unemployed as a percentage of all graduates who responded to the survey, whereas an unemployment rate is the number of unemployed expressed as a percentage of all the graduates in the labour force. The unemployment rate is provided in Table 1. It was 15.1 per cent in 1991.

## **C. Employment Status of Graduates**

### **Employment**

- Six months after graduation, 15,319 of the 18,027 graduates reported being in the labour force were working. They represent 84.9 per cent of the 1990-91 college graduating class as being in the labour force. Of these, 12,468 graduates (69.2 per cent in the labour force), were employed in full-time jobs; 2,648 graduates, (14.7 per cent) held part-time jobs, i.e., they were working less than 30 hours per week.
- Of the 11,062 female graduates in the labour force, 9,738 (or 88.0%) were working, compared to 5,581 of 6,965 male graduates (or 80.1%) who were working.

However, the proportion of female graduates in the labour force in full-time jobs (68.4 per cent) was lower than that for males (70.4 per cent). The proportion of female graduates in the labour force in part-time jobs (18.5 per cent) was more than twice that for males (8.7 per cent).

### **Unemployment**

- In 1991, 2,708 graduates (15.1 per cent of the total in the labour force) were still looking for work.
- The unemployment rate for female graduates was 11.9 per cent, and that for males, 19.8 per cent.
- Graduates from the Health Sciences division had the lowest unemployment rate (7.1 per cent). The unemployment rates for graduates of programs in other divisions were as follows: Business (15.6 per cent), Applied Arts (14.4 per cent), and Technology (23.7 per cent).

**TABLE 1**  
**LABOUR FORCE STATUS OF COLLEGE GRADUATES,**  
**BY DIVISION AND GENDER, 1991**

	DIVISION AND GENDER														
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
I. TOTAL GRADUATES	2,902	6,074	8,976	2,951	5,978	8,929	773	4,634	5,407	4,540	601	5,141	11,166	17,287	28,453
II. TOTAL IN THE SURVEY	2,092	4,506	6,598	2,183	4,439	6,622	532	3,302	3,834	3,576	472	4,048	8,383	12,719	21,102
RESPONSE RATE	72.0%	74.1%	73.5%	73.9%	74.2%	74.1%	68.8%	71.2%	70.9%	78.7%	78.5%	78.7%	75.0%	73.5%	74.2%
III. TOTAL IN THE LABOUR FORCE	1,744	3,712	5,456	1,852	3,854	5,706	517	3,147	3,664	2,852	349	3,201	6,965	11,062	18,027
PARTICIPATION RATE	83.3%	82.3%	82.6%	84.8%	86.8%	86.1%	97.1%	95.3%	95.5%	79.7%	73.9	79.0%	83.0%	86.9%	85.4%
IV. EMPLOYMENT STATUS															
1. EMPLOYED	1,402	3,264	4,666	1,512	3,299	4,811	484	2,917	3,401	2,183	258	2,441	5,581	9,738	15,319
EMPLOYMENT RATE	80.3%	87.9%	85.5%	81.6%	85.5%	84.3%	93.6%	92.6%	92.8%	76.5%	73.9%	76.2%	80.1%	88.0%	84.9%
A. FULL-TIME	1,146	2,532	3,678	1,338	2,833	4,171	413	1,976	2,389	2,003	227	2,230	4,900	7,568	12,468
B. PART-TIME	237	686	923	155	431	586	62	896	958	152	29	181	606	2,042	2,648
C. UNKNOWN STATUS	19	46	65	19	35	54	9	45	54	28	2	30	75	128	203
2. UNEMPLOYED	342	448	790	340	555	895	33	230	263	669	91	760	1,384	1,324	2,708
UNEMPLOYMENT RATE	19.6%	12.0%	14.4%	18.3%	14.4%	15.6%	6.3%	7.3%	7.1%	23.4%	26.0%	23.7%	19.8%	11.9%	15.1%
V. NOT IN THE LABOUR FORCE	348	794	1,142	331	585	916	15	155	170	724	123	847	1,418	1,657	3,075
A. FULL-TIME EDUCATION	294	605	899	282	440	722	11	90	101	667	108	775	1,254	1,243	2,497
B. OTHER*	53	185	238	45	138	183	4	65	69	53	15	68	155	403	558
C. UNKNOWN	1	4	5	4	7	11	-	-	-	4	-	-	9	11	20

\* "Other" includes travel, health, and family responsibilities.

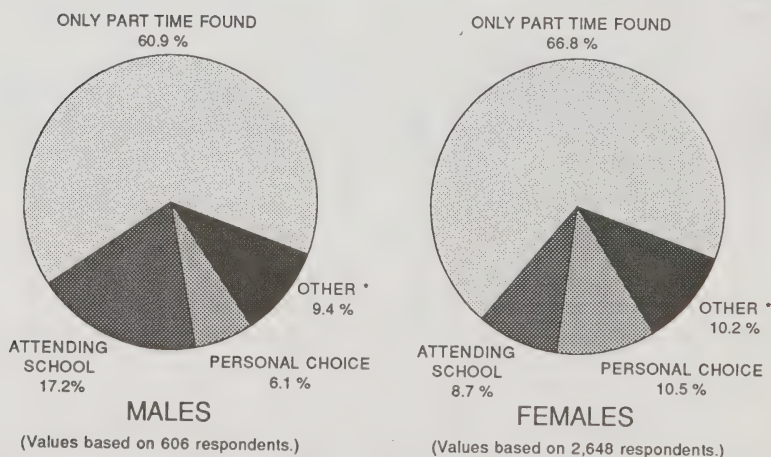
## D. Reasons for Working Part Time

In 1991, 17.3 per cent of the employed college graduates had a part-time job. The graduates were asked the reasons for working part time, and the results are illustrated in Figure 2.

- More than of the graduates working part time did so because they could not find full-time jobs. This was the reason given most frequently by both men (60.9 per cent) and women (66.8 per cent).
- Among other reasons cited for working part time, the pattern was different for men and women: 17.2 per cent of the male graduates working part time did so because they were attending school full time, whereas 8.7 per cent of the female graduates gave this reason for working part time.
- On the other hand, 20.7 per cent of the female graduates either wanted to work part time by choice or had to work part time due to personal and family responsibilities or other reasons. The proportion of male graduates working part time for these reasons was 15.5 per cent.

FIGURE 2

### REASONS FOR WORKING PART TIME\*, BY GENDER, 1991



\* "Other" includes own illness/disability, family responsibilities, and other reasons.

\* Figures do not add up to 100.0 per cent because the data exclude 118 graduates (4.5 per cent) whose reason for working part-time is unknown.

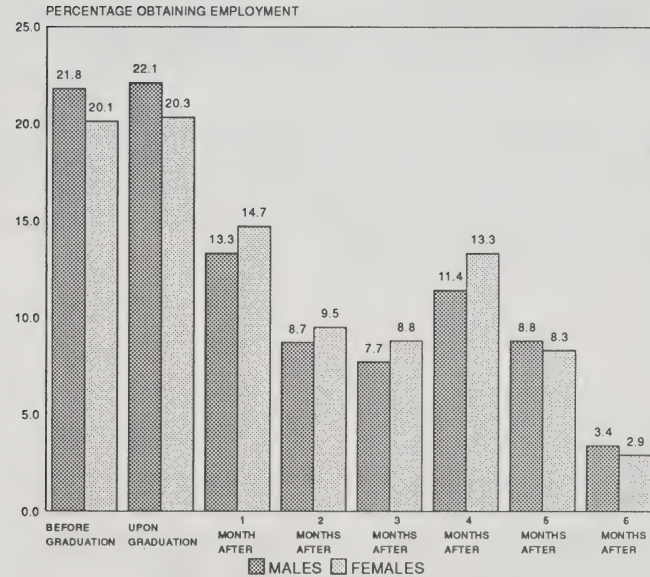


## E. Job Start Date

Graduates were asked to report on when they found employment. A summary of these results is presented in Figure 3.

- Within six months of graduation, 12,468 graduates had found full-time jobs. Of these, 43.9 per cent of the males and 40.4 per cent of the females had secured a full-time job before or upon graduation.

**FIGURE 3**  
**DISTRIBUTION BY START DATE,**  
**OF FULL-TIME JOB BY GENDER, 1991**



(Figures do not add up to 100 per cent because the data exclude 299 graduates whose job start date is unknown.)

## **F. Relationship Between Job and Program of Study**

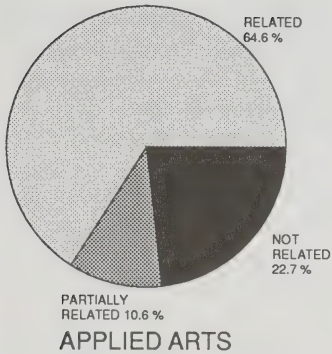
The interaction of the job market and the education system is complex. While some programs provide training for specific occupations, graduates from other fields of study can function in a wide range of occupations. In the survey, graduates were asked whether the responsibilities of their jobs were related to their programs of study. The results are presented in Figure 4 and Table 2.

- Graduates who worked full time were more likely than part-time workers to have jobs related to their program of study: 65.4 per cent of the graduates employed full time considered the responsibilities of their jobs to be related to their training programs, while another 14.7 per cent considered them to be partially related. Only 18.1 per cent of the graduates held jobs that were not related to their training programs. The proportion of part-time workers in unrelated jobs was 28.8 per cent.
- The proportion of female graduates employed full time in jobs that were related or partially related to their training was 83.5 per cent; the comparable figure for male graduates was 75.0 per cent.
- The proportion of Health Sciences graduates employed full time in jobs that were related or partially related to their training was 92.6 per cent. The comparable figures for graduates from programs in other divisions were: Business (80.0 per cent), Technology (75.3 per cent), and Applied Arts (75.2 per cent).

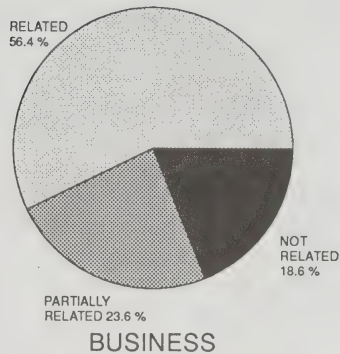


**FIGURE 4**

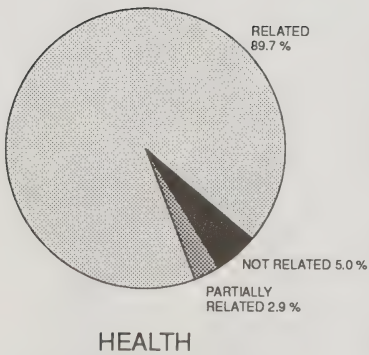
**RELATIONSHIP BETWEEN FULL-TIME JOB AND PROGRAM OF STUDY,  
BY DIVISION, 1991**



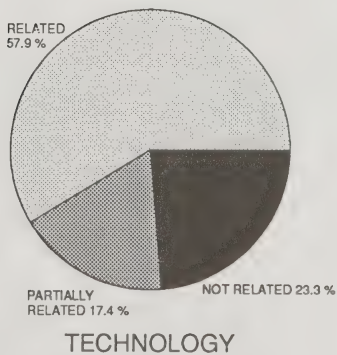
(Values based on 3,678 respondents.)



(Values based on 4,171 respondents.)



(Values based on 2,389 respondents.)



(Values based on 2,230 respondents.)

\* Figures do not add up to 100.0 percent because the data excludes graduates who did not indicate the relationship between their full-time job and program of study.

TABLE 2

**RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY,\*  
BY DIVISION AND GENDER, 1991**

EMPLOYMENT STATUS	RELATIONSHIP TO PROGRAM	DIVISION AND GENDER											
		APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY		
		MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
FULL-TIME EMPLOYED	RELATED	54.5	69.2	64.6	56.8	56.2	56.4	87.7	90.1	89.7	57.6	60.4	57.9
	PARTIALLY RELATED	11.6	10.2	10.6	21.0	24.8	23.6	3.1	2.9	2.9	17.4	17.6	17.4
	NOT RELATED	31.8	18.6	22.7	20.9	17.5	18.6	4.4	5.1	5.0	23.6	20.7	23.3
	UNKNOWN	2.2	2.1	2.1	1.3	1.4	1.4	4.8	1.9	2.4	1.3	1.3	1.3
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PART-TIME EMPLOYED	RELATED	51.1	57.7	56.0	20.0	32.0	28.8	88.7	88.6	88.6	17.8	10.3	16.6
	PARTIALLY RELATED	12.2	10.1	10.6	22.6	21.6	21.8	3.2	4.2	4.2	11.2	3.4	9.9
	NOT RELATED	36.3	31.0	32.4	56.8	45.5	48.5	3.2	5.0	4.9	71.1	86.2	73.5
	UNKNOWN	0.4	1.2	1.0	0.6	0.9	0.9	4.8	2.1	2.3	--	--	--
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL EMPLOYED***	RELATED	237	686	923	155	431	586	62	896	958	152	29	181
	PARTIALLY RELATED	53.9	66.7	62.9	53.0	53.0	53.0	87.8	89.6	89.4	54.8	54.7	54.8
	NOT RELATED	11.7	10.2	10.6	21.2	24.4	23.4	3.2	3.3	3.3	17.0	16.0	16.9
	UNKNOWN	32.5	21.3	24.6	24.6	21.2	22.3	4.2	5.1	5.0	27.0	28.1	27.1
	TOTAL***	1.9	1.9	1.9	1.2	1.3	1.3	4.8	2.0	2.4	1.3	1.2	1.2
TOTAL EMPLOYED***	RELATED	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	PARTIALLY RELATED	1.383	3.218	4.601	1.493	3.264	4.757	475	2,872	3,347	2,155	256	2,411
	NOT RELATED	55.9	68.6	64.3	56.9	68.6	64.3	54.8	54.7	54.8	54.8	54.7	54.8
	UNKNOWN	15.6	13.1	14.0	15.6	13.1	14.0	17.0	16.0	16.9	17.0	16.0	16.9
	TOTAL***	25.8	16.6	19.9	25.8	16.6	19.9	27.0	28.1	27.1	27.0	28.1	27.1
TOTAL EMPLOYED***	RELATED	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	PARTIALLY RELATED	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	NOT RELATED	5.506	9.610	15,116	5.506	9.610	15,116	475	2,872	3,347	2,155	256	2,411
	UNKNOWN	5.506	9.610	15,116	5.506	9.610	15,116	475	2,872	3,347	2,155	256	2,411
	TOTAL***	12.468	12.468	12.468	12.468	12.468	12.468	12.468	12.468	12.468	12.468	12.468	12.468

\* Relationship to program of study is determined by graduates.

\*\* Total employed is the sum of full-time employed and part-time employed. It excludes employed graduates whose full-time/part-time status is unknown.

\*\*\* Figures may not add up to 100.0 per cent due to rounding.

## G. Average Annual Earnings of Graduates

The average annual earnings of college graduates working full time in jobs related or partially related to their training programs is presented in Figure 5 and Table 3. It should be noted that the earnings information presented in this report refers only to the average annual starting salary of graduates. Other compensation, such as gratuities, commissions, or other non-monetary payments, which in some occupations could be a significant component of the total earnings, is not included in the salary.

- At the time of the survey, college graduates reported an average annual starting salary of \$24,097.
- The average annual starting salary for female graduates was \$23,489, and that for males was \$25,161.
- College graduates from the Health Sciences division reported the highest average annual salary at \$29,631, which is about 23 per cent above the overall average. The next highest salary was reported by Technology graduates (\$25,636). The average annual salaries for graduates from the Applied Arts and Business divisions were below the provincial average figures.

FIGURE 5

### AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES, BY DIVISION AND GENDER, 1991

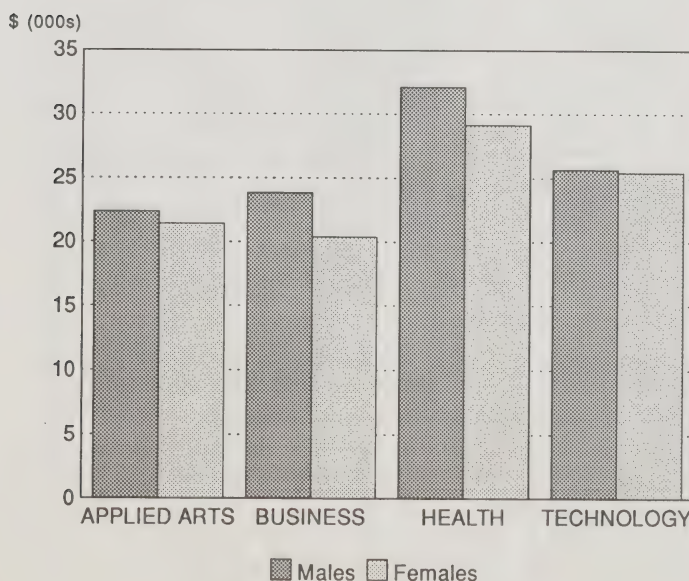


TABLE 3

**AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES,\*  
BY DIVISION AND GENDER, 1991**

AVERAGE ANNUAL SALARY RANGE	DIVISION AND GENDER											
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY		
	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
LESS THAN \$10,000	1.9	2.2	2.1	1.3	1.5	1.4	0.6	0.3	0.4	0.4	--	0.4
\$10,000 - \$19,999	40.5	40.9	40.8	27.3	47.6	41.4	4.2	17.3	15.1	20.2	17.8	19.9
\$20,000 - \$29,999	40.7	47.5	45.7	54.8	44.5	47.7	29.8	33.6	33.0	56.0	56.7	56.0
\$30,000 - \$39,999	14.3	8.5	10.0	14.1	5.7	8.3	53.0	40.4	42.4	18.7	24.8	19.3
\$40,000 - \$49,999	2.0	0.7	1.1	1.4	0.5	0.8	10.4	4.6	5.6	3.4	0.6	3.1
\$50,000 AND OVER	0.6	0.3	0.4	1.0	0.1	0.4	2.1	3.8	3.5	1.3	--	1.2
TOTAL**	644	1,782	2,426	907	2,043	2,950	336	1,721	2,057	1,367	157	1,524
TOTAL NUMBER	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVERAGE SALARY \$	22,380	21,432	21,684	23,814	20,366	21,426	32,099	29,149	29,631	25,660	25,429	25,636
										25,161	23,489	24,097

\* Annual earnings of college graduates refer to average annual starting salaries of graduates employed in full-time jobs related or partially related to their program of study.  
 \*\* Figures may not add up to 100.0 per cent due to rounding.

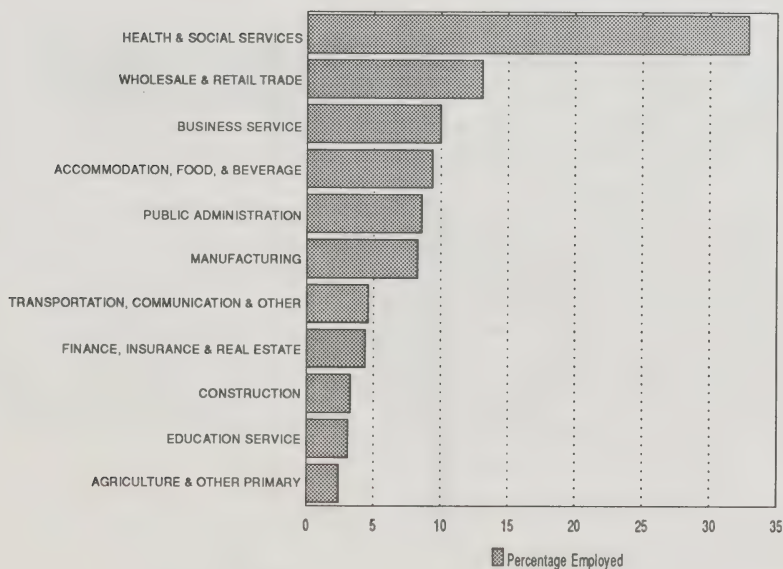
Note: Salary data for graduates from Lambton College was not available.

## H. Industry Sectors

This section provides information on the major industry sectors employing college graduates. Graduates were asked to indicate the type of business or service offered by their employers. These responses were coded on the basis of Statistics Canada's 1980 SIC (Standard Industrial Classification). A summary of these results is presented in Figure 6.

- More than half of the employed graduates were working in the Service Industries, which includes Health and Social Service Industries (33 per cent), Business Service Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (9 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade Sector hired 13 per cent of the employed graduates. It was followed by Public Administration (9 per cent) and Manufacturing (8 per cent).

**FIGURE 6**  
**DISTRIBUTION OF EMPLOYMENT,**  
**BY INDUSTRY SECTORS, 1991**



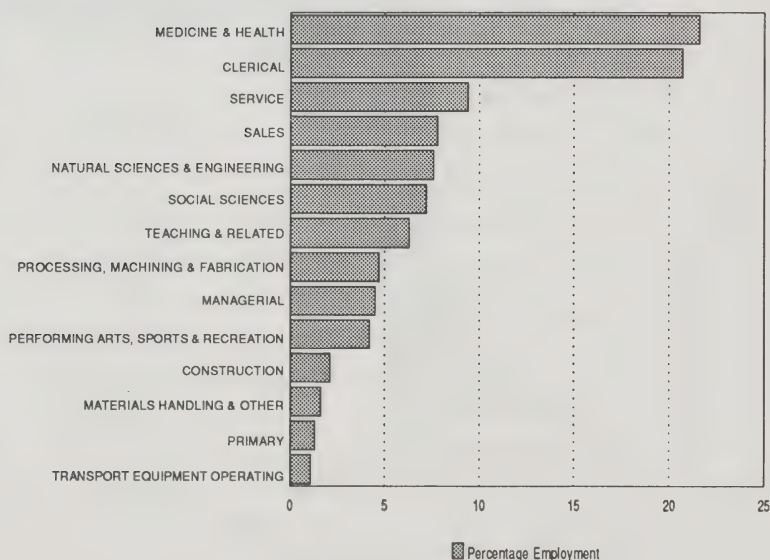


## I. Occupations

It is important to know not only how many graduates were employed but also what kinds of jobs they found. Graduates were asked to provide information on their job titles and the types of work they were doing. Their responses were coded using the CCDO (Canadian Classification and Dictionary of Occupations) Code as defined by the Canada Employment and Immigration Commission. A summary of these responses is presented in Figure 7.

- Just less than half the employed graduates worked in professional support occupations, which include Medicine and Health (22 per cent), Natural Sciences and Engineering (8 per cent), Social Sciences (7 per cent), Teaching and Related (6 per cent), and Performing Arts, Sports and Recreation (4 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a Clerical occupation. About 15 per cent of the employed graduates were engaged in Sales or Service occupations.

**FIGURE 7**  
**DISTRIBUTION OF EMPLOYMENT,**  
**BY OCCUPATION SECTORS, 1991**





## Chapter II

### EMPLOYMENT PROFILES BY PROGRAM AREA

This chapter provides employment profiles by program area. Similar programs in the various colleges are clustered into provincial program categories. These in turn have been grouped into fields and broad occupation groups or program areas. This allows the employment of college graduates' training for similar occupations to be compared. The groupings are as follows:

Division	Program Area
Applied Arts	<ul style="list-style-type: none"><li>• Social Services</li><li>• Visual and Creative Arts</li></ul>
Business	<ul style="list-style-type: none"><li>• Hospitality</li><li>• Office and Business Administration</li></ul>
Health Sciences	<ul style="list-style-type: none"><li>• Health Technology</li><li>• Nursing and Related</li></ul>
Technology	<ul style="list-style-type: none"><li>• Technology</li></ul>

For each program area, information is presented on the number of graduates, their employment status, the relationship between their jobs and programs of study, and their annual earnings. Details on the major industry sectors and the types of occupations in which college graduates find employment are also provided.

It should be noted that the information presented in this report is at the provincial level and may not reflect regional and local variations in labour markets. Individual colleges also prepare reports based on the employment experience of their graduates. Readers requiring detailed information on specific programs in individual colleges are advised to contact the placement offices in those colleges. Appendix E (page 129) provides the addresses and telephone numbers of the career planning and placement offices of all the colleges. Appendix D (page 117) provides a list of programs with enrolment in 1991-92 by college.

## **A. SOCIAL SERVICES PROGRAMS**

This section discusses programs in the following fields:

- Child/Youth Worker
- Community Planning
- Developmental Services Worker
- Education
- Law and Security
- Library
- Native Community Worker
- Preparatory/Upgrading
- Public Relations
- Recreation/Fitness
- Social Services

Detailed information on the employment experience of college graduates in the Social Services programs is presented in Table A-1 (pages 65-68).

### ***1. Number of Graduates***

During the 1990-91 period, the total number of Social Services graduates was 5,948, or 20.9 per cent of the total number of college graduates in Ontario. Of these, 5,694 graduates were enrolled in English-language programs, 245 were enrolled in French-language programs, and 9 in Bilingual programs.

Almost two-thirds of the graduates in this program area were enrolled in the following three fields:

- Education
- Law and Security
- Social Services

### ***2. Employment Status of Graduates***

Six months after graduation, 3,624 Social Services graduates reported that they were in the labour force. 3,156 or 87.1 per cent of the Social Services graduates in the labour force were employed and 468 or 12.9 per cent were looking for work. The employment rate for this group was slightly higher than 84.9 per cent which was the average for all college graduates.

Graduates who had enrolled in the Child/Youth Worker, Developmental Services Worker, Education, and Recreation/Fitness fields had employment rates higher than the average for this program area.

### ***3. Relationship Between Job and Program of Study***

The proportion of Social Services graduates in the labour force employed in full-time jobs related to their program of study was 53.8 per cent as presented in Figure 8 (page 35). The comparable figure for all college graduates was 55.4 per cent.

Among students who had enrolled in Child/Youth Worker, Education, and Public Relations programs, about two out of three graduates in the labour force were employed full-time in jobs related to their fields.

Slightly over half of the graduates in the Social Services program area found full-time jobs related to their program of study.

### ***4. Average Annual Earnings of Graduates***

The average annual earnings for Social Services graduates were \$22,427, which is below the average salary for all college graduates (\$24,097). Average annual earnings by programs in the Social Services is presented in Figure 9 (page 35).

In this program area, the highest average annual salary was reported by Developmental Services Worker graduates (\$24,984), Library graduates (\$24,980), and Social Services graduates (\$24,944).

The average annual starting salary for Preparatory/Upgrading graduates was less than \$20,000.

### ***5. Industry Sectors***

The major industry sectors in which Social Services graduates found employment were as follows:

• Health and Social Services	48%
• Public Administration	15%
• Wholesale and Retail Trade	9%
• Accommodation, Food, Beverage, and Other Services	7%
• Education Services	7%
• Other	<u>14%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-2 (page 69). This provides an indication of the types of industries hiring graduates from the Social Services programs. The top five industries are as follows:

- Non-Institutional Social Services
- Other Institutional Health and Social Services
- Human Resource Administration
- Protective Services
- Elementary and Secondary Education

## 6. Occupations

Employed graduates from the Social Services area found jobs in the following major occupation groups:

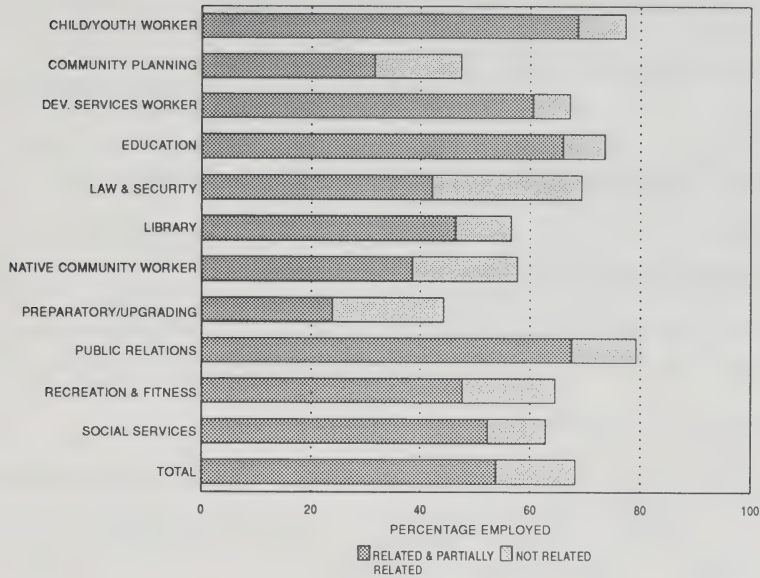
· Social Sciences	29%
· Teaching and Related	27%
· Services	19%
· Clerical	7%
· Other	<u>18%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-3 (pages 70-71). This provides an indication of the types of occupations in which graduates from the Social Services programs can find employment. The most common occupations are as follows:

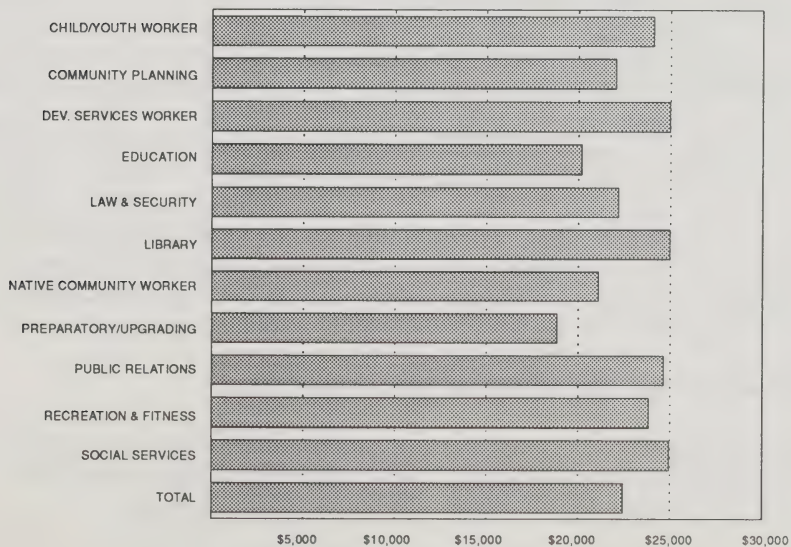
- Elementary and Kindergarten Teachers (Pre-School Teachers and Day-Care Worker Assistants)
- Occupations in Welfare and Community Services
- Guards and Related Security Occupations
- Other Teaching and Related Occupations, N.E.C.
- Social Workers
- Educational & Vocational Counsellors



**FIGURE 8**  
**GRADUATES EMPLOYED FULL TIME,**  
**SOCIAL SERVICES PROGRAMS, 1991**



**FIGURE 9**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**SOCIAL SERVICES PROGRAMS, 1991**



## **B. VISUAL AND CREATIVE ARTS PROGRAMS**

This section discusses programs in the following fields:

- Advertising and Design
- Art
- Crafts
- Fashion
- Graphic Arts/Printing
- Horticulture
- Media
- Performing Arts

Detailed information on the employment experience of college graduates in the Visual and Creative Arts Programs is presented in Table A-4 (pages 72-74).

### ***1. Number of Graduates***

During the 1990-91 period, there were 2,943 graduates from English-language programs and 85 from French programs in the Visual and Creative Arts area for a total of 3,028 graduates. Together, they accounted for 10.6 per cent of the total number of college graduates in Ontario.

Within this area, graduates from programs in the Media field, in programs such as Broadcasting, Journalism and Photography, accounted for 38.5 per cent of the total. The next largest group was in the Advertising and Design field, which accounted for 33.9 per cent of the total number of graduates in this area.

### ***2. Employment Status of Graduates***

Six months after graduation, 1,832 Visual and Creative Arts graduates reported that they were in the labour force. 1,510 or (82.4 per cent) of the Visual and Creative Arts graduates in the labour force were employed. The unemployment rate for this group was 17.6 per cent, which is higher than the 15.1 per cent average unemployment rate for all college graduates.

There were some exceptions where graduates had employment rates comparable to the employment rate of all college graduates: Advertising and Design (83.0 per cent); Art (85 per cent); Fashion (84.8 per cent); Graphic Arts/Printing (86.0 per cent) and Performing Arts (89.4 per cent).

### ***3. Relationship Between Job and Program of Study***

The proportion of Visual and Creative Arts graduates in the labour force who were employed full time in jobs related to their fields was 44.6 per cent, which is below the average for all college graduates (55.4 per cent).



The proportion of Art graduates in the labour force with full-time jobs related to their program of study was 40.0 per cent, and that for the Crafts graduates was 37.0 per cent. Details on a program-by-program basis are presented in Figure 10 (page 39).

#### **4. Average Annual Earnings of Graduates**

In 1991, Visual and Creative Arts graduates earned an average annual starting salary of \$19,935, compared with the college-system average of \$24,097.

Average annual earnings by program are presented in Figure 11 (page 39). No program group in Visual and Creative Arts earned above-average starting salaries. The average starting salary for Crafts graduates was \$16,610 per year.

#### **5. Industry Sectors**

The major industry sectors in which Visual and Creative Arts graduates found employment are as follows:

• Wholesale and Retail Trade	23%
• Business Services	18%
• Transportation/Communication	15%
• Accommodation, Food and Beverage	15%
• Manufacturing	14%
• Other	<u>15%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-5 (page 75). This provides an indication of the types of industries hiring graduates from the Visual and Creative Arts programs. The top six industries are as follows:

- Telecommunication Broadcasting Industries
- Advertising Services
- Other Business Services
- Publishing and Printing Industries
- General Merchandise Stores
- Food Services

## 6. Occupations

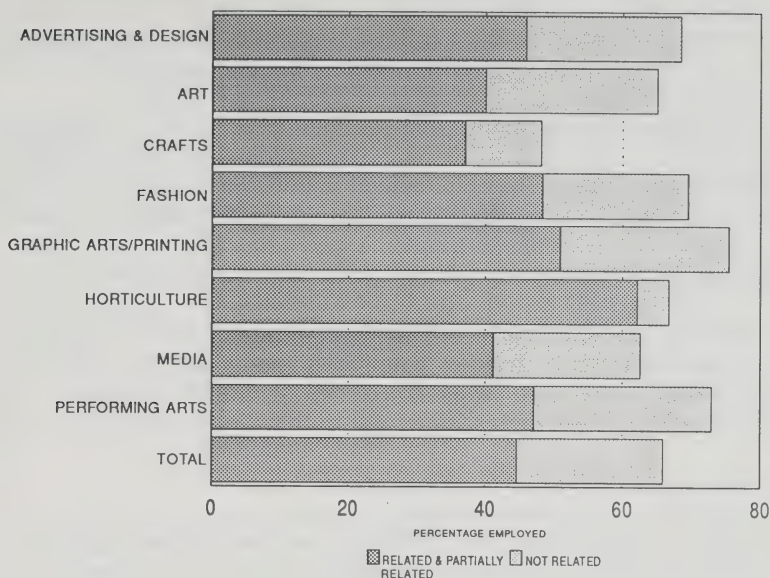
The major occupation groups in which Visual and Creative Arts graduates found employment are as follows:

· Performing Arts, Sports and Recreation	38%
· Sales	15%
· Clerical	13%
· Service	8%
· Other	<u>26%</u>
Total	100%

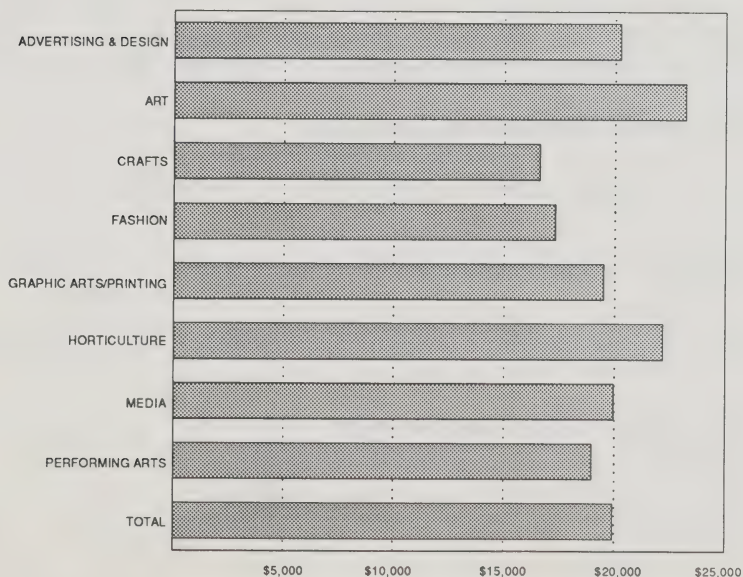
At the more detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-6 (pages 76-77). This provides an indication of the types of occupations in which Visual and Creative Arts graduates can find employment. The most common occupations are as follows:

- Advertising and Illustrating Artists
- Writers and Editors, Publication
- Sales Clerks, Commodity
- Photographers and Camera Operators
- Product and Interior Designers

**FIGURE 10**  
**GRADUATES EMPLOYED FULL TIME,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1991**



**FIGURE 11**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1991**



## **C. HOSPITALITY PROGRAMS**

This section discusses programs in the following fields:

- Culinary Arts
- Hospitality Management

Detailed information on the employment experience of college graduates in the Hospitality Programs is presented in Table A-7 (page 78).

### ***1. Number of Graduates***

During the 1990-91 period, 772 students graduated from the English-language Hospitality programs, another 8 students graduated from the French-language and Bilingual programs for a total of 780 graduates. Together, these graduates accounted for 2.7 per cent of the total number of college graduates in Ontario.

### ***2. Employment Status of Graduates***

Six months after graduation, 516 Hospitality graduates reported that they were in the labour force. Of these graduates, 452 or 87.6 per cent of the Hospitality graduates were working. In 1991, 12.4 per cent of the Hospitality graduates in the labour force were still looking for work, compared with all college graduates, who had an unemployment rate of 15.1 per cent.

### ***3. Relationship Between Job and Program of Study***

About two-thirds of the Hospitality graduates employed full time were in jobs that utilized the skills and knowledge acquired during their years of study.

### ***4. Average Annual Earnings of Graduates***

In 1991, the average annual starting salary for Hospitality graduates was \$18,617.

### ***5. Industry Sectors***

The major industry sectors in which Hospitality graduates found employment are as follows:

· Accommodation, Food and Beverage	63%
· Hospitals	4%
· Other	<u>33%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-8 (page 80). This provides an indication of the types of industries hiring graduates from the Hospitality programs. The top two industries are as follows:

- Food Services
- Hotels, Motels and Tourist Courts

## 6. Occupations

The major occupation groups in which Hospitality graduates found employment are as follows:

· Service	58%
· Clerical	30%
· Other	<u>12%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-9 (page 81). This provides an indication of the types of occupation in which Hospitality graduates can find employment. The top four occupations were as follows:

- Supervisors, Food and Beverage Preparation
- Chefs and Cooks
- Food and Beverage Service Occupations
- Hotel Clerks



## **D. OFFICE AND BUSINESS ADMINISTRATION PROGRAMS**

This section discusses programs in the following fields:

- Accounting Finance
- Aviation Management
- Business Computer
- Business Legal
- Business Management
- Government/Real Estate
- Human Resources/Industrial Relations
- Marketing/Retail Sales
- Materials Management
- Office Administration
- Office Administration - Health
- Office Administration - Legal
- Small Business
- Travel/Tourism

Detailed information on the employment experience of college graduates in the Office and Business Administration programs is presented in Table A-10 (pages 81-85).

### ***1. Number of Graduates***

The largest group of college graduates in the survey was from the Office and Business Administration programs. There were 7,897 graduates from English-language programs, 220 from French-language programs, and 32 from Bilingual programs, for a total of 8,149 or 29 per cent of the total number of college graduates.

Just over two-thirds of the graduates in this area were enrolled in four fields:

- Accounting/Finance
- Business Management
- Marketing/Retail Sales
- Office Administration

### ***2. Employment Status of Graduates***

Six months after graduation, 5,190 Office and Business Administration graduates reported that they were in the labour force. Of these graduates 4,360 or 84.0 per cent were working. The unemployment rate for this group (16.0 per cent) was slightly higher than the average for all graduates (15.1 per cent).



Graduates from programs in Aviation Management, Marketing/Retail Sales, Office Administration - Legal, and Office Administration - Health fields had above-average employment rates.

### ***3. Relationship Between Job and Program of Study***

Overall, 57.6 per cent of the Office and Business Administration graduates in the labour force were employed full time in jobs related to their program of study. Their performance compared favourably with that of the rest of the college graduates. Details on a program-by-program basis are presented in Figure 12 (page 45).

Within this program area, fields with more than 60 per cent of the graduates in the labour force employed in full-time jobs related to their training programs were as follows:

- Aviation Management
- Business Computer
- Office Administration - Health
- Office Administration - Legal

Fields with less than 50 per cent of the graduates in the labour force in full-time jobs related to their program of study were as follows:

- Government/Real Estate
- Materials Management
- Small Business
- Travel/Tourism

### ***4. Average Annual Earnings of Graduates***

Average annual earnings by program are presented in Figure 13 (page 45). Graduates from the Office and Business Administration programs earned \$21,715, which is below the average annual starting salary for all graduates (\$24,097).

In this group, the highest salaries were earned by graduates in Business Computer (\$26,699), followed by Human Resource/Industrial Relations (\$26,163) and Government/Real Estate (\$25,394).

The average annual starting salaries for graduates from the Office Administration and Travel/Tourism fields were less than \$20,000.

### ***5. Industry Sectors***

Graduates from the Office and Business Administration area were dispersed over a larger number of industry sectors:

· Wholesale and Retail Trade	22%
· Business Services	17%
· Finance/Insurance and Real Estate	13%
· Manufacturing	10%
· Public Administration	10%
· Accommodation, Food and Beverage	9%
· Health and Social Services	8%
· Other	<u>11%</u>
Total	100%

At the detailed level, industries in which at least ten graduates were employed are listed in descending order of frequency in Table A-11 (pages 87-89). This provides an indication of the types of industries hiring graduates from Office and Business Administration programs. The top five industries are as follows:

- Offices of Lawyers and Notaries
- General Administrative Services
- General Merchandise Stores
- Hospitals
- Food Services

## 6. Occupations

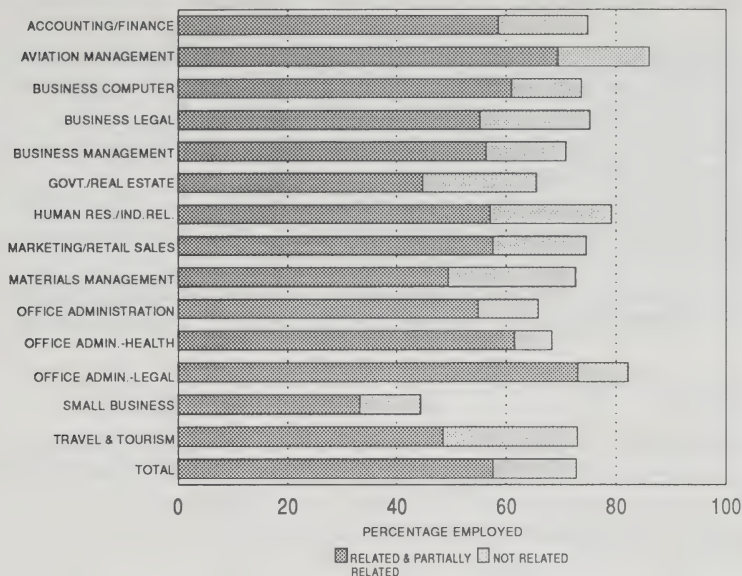
Graduates from the Office and Business Administration programs who were employed found jobs in the following major occupation groups:

· Clerical	56%
· Sales	15%
· Managerial	9%
· Natural Science and Engineering	7%
· Other	<u>13%</u>
Total	100%

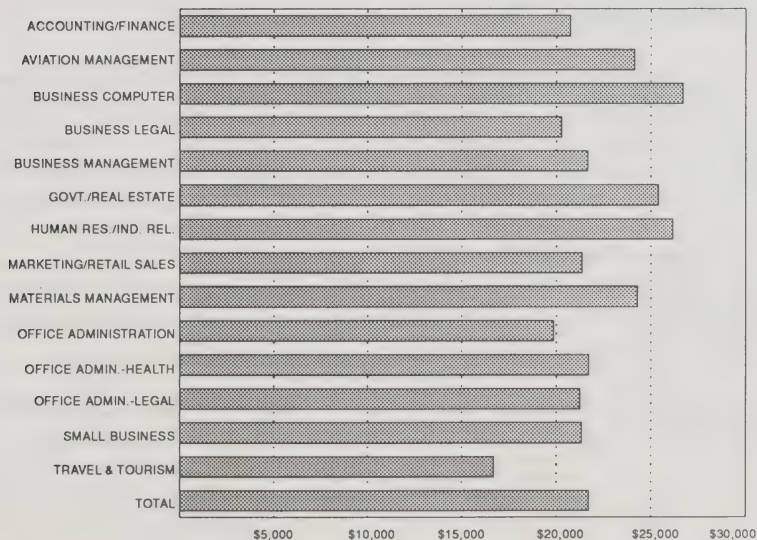
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-12 (pages 90-91). This provides an indication of the types of occupations in which graduates from the Office and Business Administration programs can find employment. The five most common occupations included:

- Secretaries and Stenographers
- Bookkeepers and Accounting Clerks
- Systems Analysts, Computer Programmers, and Related Occupations
- Tellers and Cashiers
- Sales Clerks, Commodities

**FIGURE 12**  
**GRADUATES EMPLOYED FULL TIME,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1991**



**FIGURE 13**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1991**



## **E. HEALTH TECHNOLOGY PROGRAMS**

This section discusses programs in the following fields:

- Animal Care
- Health Technology, such as:
  - Radiography
  - Medical Laboratory Technology
  - Dental Technology
  - Chiropody
- Health Miscellaneous

Detailed information on the employment experience of college graduates in the Health Technology Programs is presented in Table A-13 (pages 91-92).

### ***1. Number of Graduates***

During the 1990-91 period, 7.3 per cent of the college graduates in Ontario were enrolled in Health Technology programs. 1,939 students graduated from English-language programs, 123 from French-language programs, and 17 from Bilingual programs for a total of 2,079 graduates.

### ***2. Employment Status of Graduates***

Six months after graduation, 1,510 Health Technology graduates reported that they were in the labour force. Of these graduates, 1,410 or 93.4 per cent were employed; only 6.6 per cent were unemployed, compared with the overall unemployment rate for all college graduates of 15.1 per cent.

### ***3. Relationship Between Job and Program of Study***

On average, 70.9 per cent of the Health Technology graduates in the labour force were employed in full-time jobs related to their program of study.

Specific English programs with more than 90 per cent of the graduates in the labour force employed in full-time jobs related to their studies included:

- Veterinary Technician
- Funeral Service Education
- Medical Diagnostic - Ultrasonography
- Physiotherapy

Programs in which fewer than 50 per cent of the graduates in the labour force were employed in related full-time jobs include:



- Animal Care
- Equine Studies
- Denture Therapy

Details on the relationship between job and graduate's program of study are presented in Figure 14 (page 48).

#### **4. Average Annual Earnings of Graduates**

Overall, graduates from the Health Technology programs were the second-highest-paid group and earned an average annual salary of \$28,637. Details regarding earnings for graduates in this program area are presented in Figure 15 (page 48). Some programs within this area commanded much higher salaries. For example, Dental Hygiene graduates earned \$48,683.

#### **5. Industry Sectors**

About 80 per cent of the graduates who were working at the time of the survey were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-14 (page 94). This provides an indication of the types of industries hiring graduates from the Health Technology programs. The top five industries are as follows:

- Offices of Physicians, Surgeons, and Dentists
- Hospitals
- Non-Institutional Health Services
- Funeral Services
- Medical and Other Health Laboratories

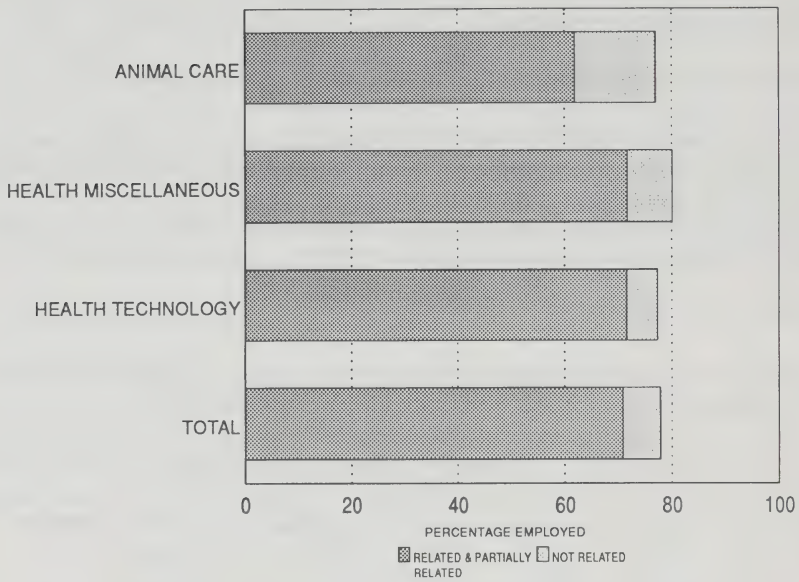
#### **6. Occupations**

Health Technology graduates were concentrated in the major occupational group of Medicine and Health (83 per cent).

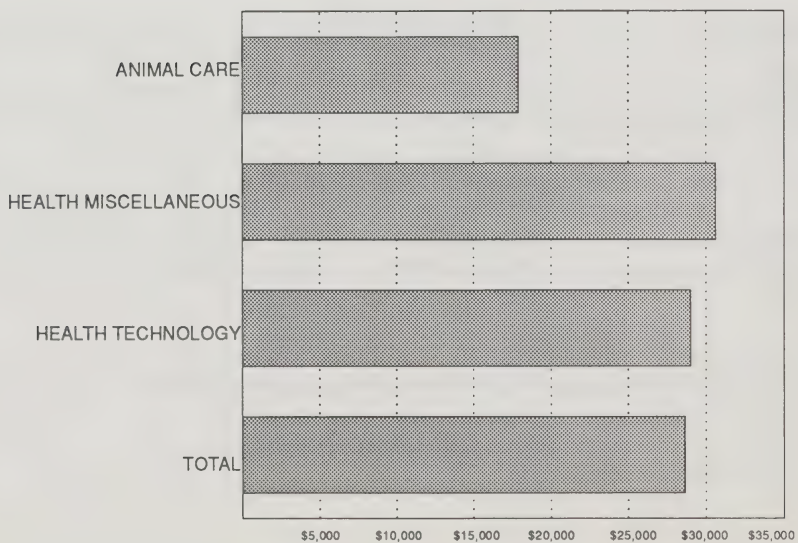
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-15 (page 95). This provides an indication of the types of occupations in which graduates from the Health Technology programs can find employment. The most common occupations include:

- Denturists, Dental Hygienists, and Dental Assistants
- Nursing, Therapy, and Related Assisting Occupations
- Other Occupations in Medicine and Health, N.E.C.
- Medical Laboratory Technologists and Technicians
- Radiological Technicians

**FIGURE 14**  
**GRADUATES EMPLOYED FULL TIME,**  
**HEALTH TECHNOLOGY PROGRAMS, 1991**



**FIGURE 15**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**HEALTH TECHNOLOGY PROGRAMS, 1991**





## **F. NURSING AND RELATED PROGRAMS**

This section discusses programs in the following fields:

- Nursing
- Nursing Assistant
- Postdiploma programs in Nursing

Detailed information on the employment experience of college graduates in the Nursing and Related Programs is presented in Table A-16 (page 95).

### ***1. Number of Graduates***

The total number of graduates from Nursing and Related programs in 1990-1991 was 3,328, or 11.7 per cent of the total number of college graduates in Ontario. Of these, 3,200 were in English-language programs, 107 in French-language programs, and 21 in Bilingual programs.

### ***2. Employment Status of Graduates***

Just over 90 per cent of the graduates from Nursing and Related programs were working six months after graduation. This compares with 84.9 per cent for all college graduates.

### ***3. Relationship Between Job and Program of Study***

On average, 53.0 per cent of the Nursing and Related graduates in the labour force were employed full-time in jobs related to their programs of study, compared with 55.4 per cent for the rest of the graduates.

### ***4. Average Annual Earnings of Graduates***

Graduates of Nursing and Related programs were the highest-paid group, earning an average annual salary of \$30,511.

### ***5. Industry Sectors***

An overwhelming majority of the graduates from Nursing and Related programs (93 per cent) were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-17 (page 96). This provides an indication of the types of industries hiring graduates from Nursing and Related programs. The five most common industries are as follows:

- Hospitals
- Other Institutional Health and Social Services
- Professional Membership Associations
- Non-Institutional Health Services
- Offices of Other Health Practitioners

## **6. *Occupations***

Almost all the Nursing and Related graduates (97 per cent) found jobs in the major occupation group, Medicine and Health.

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-18 (page 97). This provides an indication of the types of occupations in which graduates from the Nursing and Related programs can find employment. The top four occupations are as follows:

- Nurses, Graduate, except Supervisors
- Registered Nursing Assistants
- Nursing Assistants
- Supervisors, Nursing Occupations

## **G. TECHNOLOGY PROGRAMS**

This section discusses programs in the following fields:

- Architectural
- Automotive
- Aviation - Flight
- Aviation - Maintenance
- Chemical/Biological
- Civil
- Drafting
- Electronics
- Furniture/Wood Products
- Geology/Mining
- Industrial
- Instrumentation
- Machining
- Marine
- Mechanical
- Power
- Resources
- Technology-Miscellaneous
- Welding

Detailed information on the employment experience of college graduates in the Technology Programs is presented in Table A-19 (pages 98-102).

### ***1. Number of Graduates***

During the 1990-91 period, the total number of Technology graduates was 5,141, or 18.1 per cent of the total number of college graduates in Ontario. Of these, 5,012 graduates were enrolled in English-language programs, 124 in French-language programs, and 5 in Bilingual programs.

Within this area, almost two-thirds of the graduates were enrolled in programs in the following five fields:

- Electronics
- Civil
- Mechanical
- Architectural
- Resources

## ***2. Employment Status of Graduates***

Six months after graduation, 3,201 Technology graduates reported that they were in the labour force. Of these graduates, 2,442 or 76.3 per cent were working. The average unemployment rate for this group was 23.7 per cent, compared with 15.1 per cent for all college graduates.

Technology graduates in Aviation (Flight) and Marine programs had above-average employment rates.

Technology graduates with an employment rate of less than 70 per cent six months after graduation had been enrolled in the following fields:

- Industrial
- Welding

## ***3. Relationship Between Job and Program of Study***

Overall, 52.5 per cent of the Technology graduates in the labour force were employed in full-time jobs related to their training programs, compared with 55.4 per cent for all college graduates. Details on a program-by-program basis are presented in Figure 16 (page 55).

Technology fields with more than 60 per cent of the graduates in the labour force employed in full-time jobs related to their training programs included:

- Chemical/Biological
- Civil
- Marine

Technology fields with less than 50 per cent of the graduates in the labour force in full-time related employment were as follows:

- Architectural
- Automotive
- Aviation - Maintenance
- Drafting
- Industrial
- Machining
- Technology Miscellaneous
- Welding

#### **4. Average Annual Earnings of Graduates**

Technology graduates were the third-highest-paid group. On average, they earned an annual starting salary of \$25,636. Average annual earnings by program are presented in Figure 17 (page 55).

The highest-paid graduates in the Technology area were those in the Power program. They earned an annual salary of \$33,655, followed by Geology/Mining graduates (\$31,664) and Instrumentation graduates (\$29,181).

The lowest-paid graduates in the Technology area were in the Automotive (\$20,330) and Machining (\$21,056) fields.

#### **5. Industry Sectors**

Technology graduates were dispersed over a wide range of industry sectors:

· Manufacturing	22%
· Business Services	13%
· Public Administration	13%
· Construction	13%
· Wholesale and Retail Trade	13%
· Transportation/Communication and Other	10%
· Agriculture and Other Primary	5%
· Other	<u>11%</u>
Total	100%

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-20 (pages 103-104). This provides an indication of the types of industries hiring graduates from Technology programs. The top five industries are as follows:

- Architectural, Engineering, and Other Scientific and Technical Services
- Economic Services Administration
- Electric Power Systems Industry
- General Administrative Services
- Computer and Related Services

## 6. Occupations

Technology graduates employed in 1991 were working in the following major occupation groups:

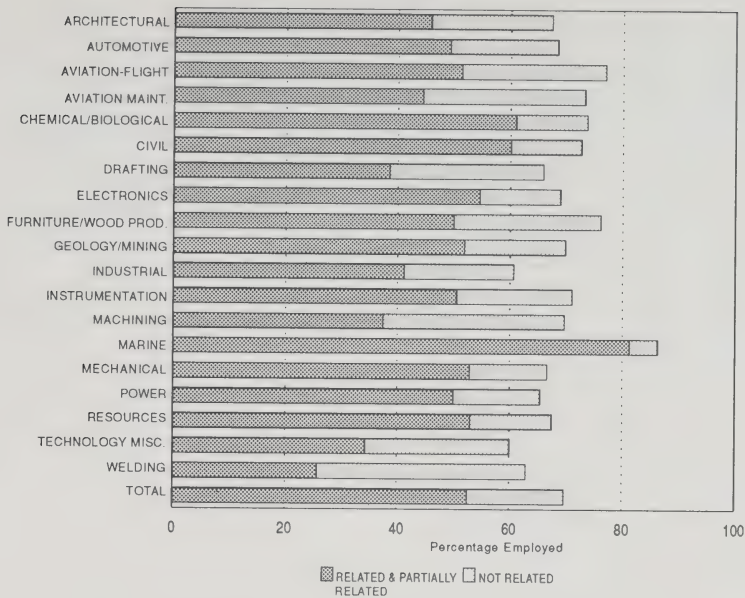
· Natural Sciences and Engineering	32%
· Processing/Machining and Fabricating	21%
· Construction	10%
· Sales	7%
· Clerical	6%
· Services	6%
· Other	<u>18%</u>
Total	100%

The more detailed occupational breakdown presented in Table A-21 (pages 105-107) indicates that the top eight occupations for Technology graduates were as follows:

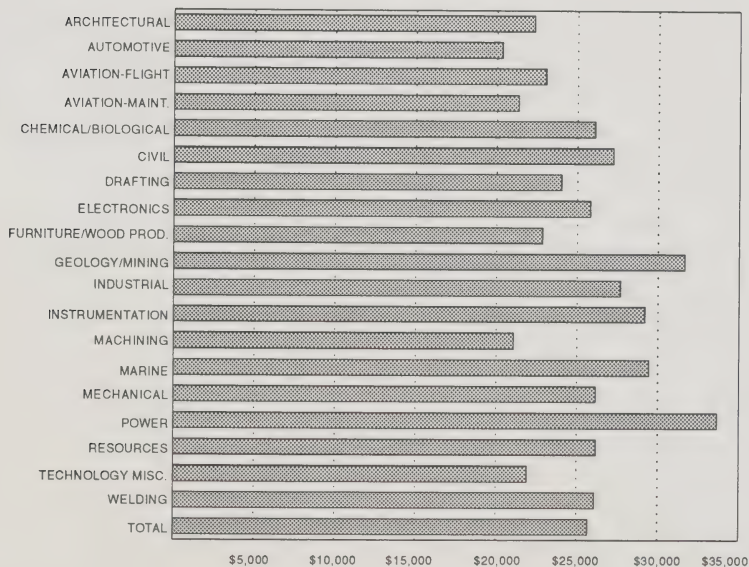
- Architectural and Engineering Technologists and Technicians
- Drafting Occupations
- Electronic and Related Equipment Installers
- Systems Analysts, Computer Programmers, and Related Occupations
- Physical Science Technologists and Technicians
- Engineer Officers, Ship
- Occupations in Labouring and Other Elemental Work, Other Construction Trades
- Aircraft Mechanics and Repairers



**FIGURE 16**  
**GRADUATES EMPLOYED FULL TIME,**  
**TECHNOLOGY PROGRAMS, 1991**



**FIGURE 17**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**TECHNOLOGY PROGRAMS, 1991**





## APPENDICES



## **A P P E N D I X   A**

### **T A B L E S   O F   E M P L O Y M E N T   P R O F I L E S   B Y   P R O G R A M   A R E A**





## APPENDIX A

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## EXPLANATION OF TABLES IN APPENDIX A

This section provides an explanation of the tables on employment picture of college graduates by program area presented in Appendix A. As an aid to understanding the tables, an example, using the "Total Graduates" in the survey is provided below.

(1)	(2)		(3)		(4)	(5)	(6)	(7)
Total Grads 1990-91	Total in Survey #	%	Grads in the Labour Force # %		Percentage Employed	Percentage Employed Full Time	Percentage Employed Full Time in Related Job	Average Annual Salary \$
28,453	21,102	74.2	18,027	85.4	84.9	69.2	55.4	24,097

- Total Graduates:** Represents all students (both full-time students and full-time students who transferred to part-time studies and then graduated) who graduated in Summer 1990, Fall 1990, and Winter 1991 and is referred to as the survey population. A questionnaire was mailed to all (28,453) graduates.
- Total in the Survey:** Represents the number of graduates who returned completed questionnaires. All survey results are based on this population (21,102). The percentage represents the response rate, that is, the number of graduates who responded as a percentage of the total number of college graduates ( $21,102 \div 28,453 \times 100 = 74.2\%$ ).
- Graduates in the Labour Force:** Represents the number of respondents who were either employed or unemployed during the reference weeks, i.e., March 3-9, 1991, July 7-13, 1991, and November 3-9, 1991 (18,027). The percentage represents the labour force participation rate, that is, the number of graduates in the labour force as a percentage of the total number of respondents ( $18,027 \div 21,102 \times 100 = 85.4\%$ ).
- Percentage Employed:** Represents respondents who were employed full time or part time as a percentage of the graduates in the labour force (84.9%). Percentage unemployed therefore is:  $100\% - 84.9\% = 15.1\%$ .
- Percentage Employed Full Time:** Represents respondents who were employed in full-time jobs (12,468) as a percentage of the total graduates in the labour force. (i.e.  $12,468 \div 18,027 \times 100 = 69.2\%$ ).
- Percentage Employed Full Time in Related Jobs:** Represents the respondents who were employed in full-time jobs related or partially related to their training programs (9,995) as a percentage of graduates in the labour force (i.e.  $9,995 \div 18,027 \times 100 = 55.4\%$ ). This is based on the graduates responses to question 15 in the survey.

7. **Average Annual Salary:** Represents the average annual starting salary of respondents who were employed full time in jobs related or partially related to their training (\$24,097). Excludes other compensation such as gratuities, commissions, or other non-monetary payments.

TABLE A-1

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, SOCIAL SERVICES PROGRAMS, 1991

ENGLISH PROGRAMS									
CHILD/YOUTH WORKER									
CHILD AND YOUTH WORKER		3 YR	263	199	183	92.0	95.1	70.5	24,068
TOTAL			263	199	183	92.0	95.1	70.5	24,068
COMMUNITY PLANNING									
COMMUNITY PLANNING		2 YR	26	22	18	81.8	66.7	27.8	22,910
DESIGN - URBAN		3 YR	5	2	1	50.0	100.0	100.0	-
TOTAL			31	24	19	79.2	68.4	31.6	22,025
DEVELOPMENTAL SERVICES WORKER									
DEVELOPMENTAL DISABILITIES WORKER		PD	1	-	-	-	-	-	-
DEVELOPMENTAL SERVICES WORKER		2 YR	388	259	234	90.3	90.6	64.1	24,976
TOTAL			389	260	235	90.4	90.6	63.8	24,976
EDUCATION									
DAY CARE ASSISTANT		1 YR	42	32	22	68.8	36.4	9.1	14,391
PD		PD	9	9	9	100.0	100.0	77.8	24,816
EARLY CHILDHOOD EDUC. - SPECIAL NEEDS		PD	1	0	0	-	-	-	-
EARLY CHILDHOOD EDUC. RESOURCE TEACHER		2 YR	1,393	1,085	927	85.4	93.9	68.8	20,125
EDUCATIONAL ASSISTANT		2 YR	39	36	32	88.9	81.3	40.6	20,784
EDUCATIONAL ASSISTANT		PD	22	20	17	85.0	94.1	82.4	20,165
EDUCATIONAL RESOURCES & SPECIAL NEEDS		2 YR	26	19	17	89.5	100.0	82.4	20,322
TEACHER AIDE		2 YR	13	13	12	92.3	83.3	58.3	17,487
TOTAL			1,545	1,214	1,036	85.3	92.3	66.9	20,157
LAW AND SECURITY									
CORRECTIONAL WORKER		2 YR	183	148	137	92.6	83.2	51.1	25,048
LAW AND SECURITY - BASIC		1 YR	54	40	24	60.0	45.8	29.2	19,865
LAW AND SECURITY ADMINISTRATION		2 YR	1,063	715	636	89.0	88.2	42.8	21,499
NATURAL RESOURCES TECHY - LAW ENFORCE.		PD	16	15	13	86.7	46.2	30.8	26,694
PROTECTIVE SECURITY		1 YR	14	12	8	66.7	75.0	37.5	12,462
SECURITY SYST. IMPLEMENTATION & DESIGN		2 YR	8	7	7	100.0	100.0	28.6	23,364
TOTAL			1,338	937	825	88.0	85.5	43.4	22,175
LIBRARY									
LIBRARY AND INFORMATION TECHNICIAN		2 YR	85	65	60	92.3	83.3	51.7	25,263
TOTAL			85	65	60	92.3	83.3	51.7	25,263



TABLE A-1 (cont'd)

## SOCIAL SERVICES PROGRAMS

<u>ENGLISH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME JOB %	AVERAGE ANNUAL SALARY \$
<b>NATIVE COMMUNITY WORKER</b>										
BAND MANAGEMENT	2 YR	2	2	100.0	2	100.0	100.0	100.0	0.0	-
NATIVE CHILD AND FAMILY WORKER	3 YR	25	18	72.0	12	66.7	83.3	50.0	41.7	18,938
NATIVE COMMUNITY WORKER	2 YR	23	18	78.3	12	66.7	83.3	58.3	41.7	23,808
<b>TOTAL</b>		<b>50</b>	<b>38</b>	<b>76.0</b>	<b>26</b>	<b>68.4</b>	<b>84.6</b>	<b>57.7</b>	<b>38.5</b>	<b>21,102</b>
<b>PREPARATORY/UPGRADING</b>										
COLLEGE VOCATIONAL	1 YR	76	56	73.7	35	62.5	45.7	14.3	5.7	14,079
COLLEGE VOCATIONAL	2 YR	12	10	83.3	8	80.0	62.5	50.0	25.0	14,333
COLLEGE VOCATIONAL	3 YR	9	5	55.6	2	40.0	50.0	50.0	0.0	-
GENERAL ARTS AND SCIENCE	2 YR	287	179	62.4	71	39.7	80.3	57.7	35.2	20,664
GENERAL ARTS AND SCIENCE - ADVANCED	3 YR	1	0	0.0	0	-	-	-	-	-
GENERAL VOCATIONAL PREPARATION	1 YR	23	14	60.9	2	14.3	50.0	50.0	50.0	-
PRE-HEALTH SCIENCE	1 YR	20	1	5.0	0	0.0	-	-	-	-
PREPARATORY HEALTH SCIENCES	1 YR	57	54	94.7	16	29.6	87.5	37.5	0.0	-
<b>TOTAL</b>		<b>485</b>	<b>319</b>	<b>65.8</b>	<b>134</b>	<b>42.0</b>	<b>70.1</b>	<b>43.3</b>	<b>22.4</b>	<b>19,517</b>
<b>PUBLIC RELATIONS</b>										
PUBLIC RELATIONS	2 YR	21	15	71.4	11	73.3	81.8	81.8	63.6	22,377
PUBLIC RELATIONS	3 YR	33	23	69.7	21	91.3	90.5	90.5	85.7	25,736
PUBLIC RELATIONS	PD	85	48	56.5	45	93.8	73.3	73.3	60.0	24,505
<b>TOTAL</b>		<b>139</b>	<b>86</b>	<b>61.9</b>	<b>77</b>	<b>89.5</b>	<b>79.2</b>	<b>79.2</b>	<b>67.5</b>	<b>24,628</b>
<b>RECREATION/FITNESS</b>										
ARENA MANAGEMENT	PD	13	10	76.9	10	100.0	100.0	100.0	90.0	36,805
COACHING TECHNIQUES	2 YR	15	8	53.3	8	100.0	100.0	37.5	25.0	36,761
FITNESS AND HEALTH PROMOTION	2 YR	28	22	78.6	17	77.3	88.2	52.9	41.2	22,699
FITNESS MANAGEMENT	3 YR	11	7	63.6	6	85.7	100.0	83.3	50.0	18,542
RECREATION - PARKS OPERATION & SERV.	2 YR	71	48	67.6	29	60.4	75.9	65.5	44.8	24,742
RECREATION FOR SPECIAL POPULATIONS	PD	30	25	83.3	25	100.0	92.0	64.0	52.0	26,487
RECREATION LEADERSHIP	2 YR	292	228	78.1	202	88.6	90.1	63.9	46.5	22,254
SKI RESORT OPERATIONS AND MANAGEMENT	2 YR	2	1	50.0	1	100.0	100.0	100.0	0.0	-
SPORTS & ENTERTAINMENT ADMINISTRATION	3 YR	13	5	38.5	5	100.0	100.0	80.0	80.0	27,426
SPORTS EQUIPMENT SPECIALIST	1 YR	10	8	80.0	5	62.5	100.0	100.0	80.0	22,943
<b>TOTAL</b>		<b>485</b>	<b>362</b>	<b>74.6</b>	<b>308</b>	<b>85.1</b>	<b>89.9</b>	<b>65.3</b>	<b>48.4</b>	<b>23,836</b>



## SOCIAL SERVICES PROGRAMS

ENGLISH PROGRAMS

## SOCIAL SERVICES

ACTIVATION CO-ORDINATOR  
 BEHAVIOURAL SCIENCE TECHNICIAN  
 BEHAVIOURAL SCIENCE TECHNOLOGY  
 COMMUNITY WORKER  
 EMPLOYMENT COUNSELLOR  
 FAMILY VIOLENCE - COUNS'R & ADVOCATE  
 HUMAN SERVICES ADMINISTRATION  
 MENTAL HEALTH WORKER  
 REHABILITATION WORKER  
 SIGN LANGUAGE COMMUNICATOR  
 SIGN LANGUAGE INTERPRETER  
 SOCIAL SCIENCE RESEARCH  
 SOCIAL SERVICE ADMINISTRATION  
 SOCIAL SERVICE WORKER

TOTAL

TOTAL ENGLISH PROGRAMS

FRENCH PROGRAMS

## CHILD/YOUTH WORKER

CHILD/YOUTH WORKER  
 CHILD AND YOUTH WORKER

TOTAL

## DEVELOPMENTAL SERVICES WORKER

DEVELOPMENTAL SERVICES WORKER

TOTAL

## EDUCATION

EARLY CHILDHOOD EDUCATION

TOTAL

## LAW AND SECURITY

CORRECTIONAL WORKER  
 LAW AND SECURITY ADMINISTRATION  
 PROTECTIVE SECURITY

TOTAL

## LIBRARY

LIBRARY AND INFORMATION TECHNICIAN

TOTAL

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
ENGLISH PROGRAMS	2 YR	25	17	68.0	14	82.4	85.7	71.4	64.3	21,394
	2 YR	81	62	76.5	47	75.8	85.1	53.2	40.4	22,944
	3 YR	28	19	67.9	17	89.5	88.2	64.7	52.9	22,856
	2 YR	30	22	73.3	21	95.5	61.9	42.9	42.9	28,075
	3 YR	16	13	81.3	13	100.0	92.3	76.9	69.2	29,672
	2 YR	20	14	70.0	13	92.9	53.8	46.2	46.2	26,054
	2 YR	16	13	81.3	9	69.2	66.7	44.4	33.3	23,464
	2 YR	16	12	75.0	4	33.3	75.0	75.0	75.0	37,300
	2 YR	14	10	71.4	8	80.0	75.0	75.0	75.0	28,060
	3 YR	34	20	58.8	13	65.0	100.0	84.6	69.2	19,602
	3 YR	23	12	52.2	12	100.0	91.7	83.3	83.3	30,199
	2 YR	13	11	84.6	10	90.9	80.0	60.0	50.0	23,976
	PD	3	0	0.0	0	-	-	-	-	-
	2 YR	565	446	78.9	380	85.2	81.8	64.7	55.0	24,771
	TOTAL	884	671	75.9	561	83.6	81.5	63.6	54.5	24,785
	TOTAL ENGLISH PROGRAMS	5,694	4,175	73.3	3,464	83.0	87.2	68.3	55.3	24,972
FRENCH PROGRAMS										
CHILD/YOUTH WORKER										
CHILD AND YOUTH WORKER										
DEVELOPMENTAL SERVICES WORKER										
DEVELOPMENTAL SERVICES WORKER										
EDUCATION										
EARLY CHILDHOOD EDUCATION										
LAW AND SECURITY										
CORRECTIONAL WORKER										
LAW AND SECURITY ADMINISTRATION										
PROTECTIVE SECURITY										
LIBRARY										
LIBRARY AND INFORMATION TECHNICIAN										

TABLE A-1 (cont'd)

## SOCIAL SERVICES PROGRAMS

PERCENTAGE EMPLOYED												
FULL TIME IN RELATED JOB												
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Note: See Appendix F for a list of abbreviations used in this table.

# DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, SOCIAL SERVICES PROGRAMS, 1991

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NON-INSTITUTIONAL SOCIAL SERVICES	789	148	937	31.2
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	233	88	321	10.7
HUMAN RESOURCE ADMINISTRATION	138	41	179	6.0
PROTECTIVE SERVICES	130	23	153	5.1
ELEMENTARY AND SECONDARY EDUCATION	100	36	136	4.5
OTHER BUSINESS SERVICES	110	21	131	4.4
FOOD SERVICES	67	27	94	3.1
HOSPITALS	63	16	79	2.6
GENERAL MERCHANDISE STORES	56	21	77	2.6
GENERAL ADMINISTRATIVE SERVICES	58	13	71	2.4
FOOD STORES	33	27	60	2.0
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	42	13	55	1.8
POST-SECONDARY NON-UNIVERSITY EDUCATION	34	14	48	1.6
NON-INSTITUTIONAL HEALTH SERVICES	33	11	44	1.5
SPORTS AND RECREATION CLUBS AND SERVICES	20	10	30	1.0
ECONOMIC SERVICES ADMINISTRATION	24	3	27	0.9
HOTELS, MOTELS AND TOURIST COURTS	14	6	20	0.7
OTHER RETAIL STORES	12	2	14	0.5
ADVERTISING SERVICES	11	2	13	0.4
LIBRARY SERVICES	8	5	13	0.4
WOMEN'S CLOTHING STORES	8	5	13	0.4
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	8	3	11	0.4
PRIVATE HOUSEHOLDS	10	1	11	0.4
CLOTHING STORES N.E.C.	7	3	10	0.3
<b>SUB-TOTAL</b>	<b>2,008</b>	<b>539</b>	<b>2,547</b>	<b>84.9</b>
<b>OTHER</b>	<b>361</b>	<b>92</b>	<b>453</b>	<b>15.1</b>
<b>TOTAL**</b>	<b>2,369</b>	<b>631</b>	<b>3,000</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-3

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
SOCIAL SERVICES PROGRAMS, 1991

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ELEMENTARY & KINDERGARTEN TEACHERS	526	110	636	21.2
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	376	105	481	16.1
GUARDS & RELATED SECURITY OCCUPATIONS	173	31	204	6.8
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	81	36	117	3.9
SOCIAL WORKERS	96	18	114	3.8
EDUCATIONAL & VOCATIONAL COUNSELLORS	90	23	113	3.8
CHILD-CARE OCCUPATIONS	96	12	108	3.6
OTHER OCCUPATIONS IN SOCIAL SCIENCE & RELATED FIELDS, N.E.C.	84	23	107	3.6
POLICE OFFICERS & DETECTIVES, GOVERNMENT	72	6	78	2.6
SALES CLERKS, COMMODITIES	42	34	76	2.5
TELLERS & CASHIERS	30	30	60	2.0
FOOD & BEVERAGE SERVING OCCUPATIONS	34	19	53	1.8
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	42	1	43	1.4
POLICE AGENTS & INVESTIGATORS, PRIVATE	21	6	27	0.9
TECHNICIANS IN LIBRARY, MUSEUM & ARCHIVAL SCIENCES	19	8	27	0.9
TEACHERS OF EXCEPTIONAL STUDENTS, N.E.C.	22	3	25	0.8
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	18	5	23	0.8
COACHES, TRAINERS, INSTRUCTORS & MANAGERS, SPORT & RECREATION	9	12	21	0.7
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	19	2	21	0.7
OFFICIALS & ADMINISTRATORS UNIQUE TO GOVERNMENT, N.E.C.	17	2	19	0.6
CHEFS & COOKS	13	5	18	0.6
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT	14	4	18	0.6
SECRETARIES & STENOGRAPHERS	12	6	18	0.6
GENERAL OFFICE CLERKS	12	4	16	0.5
JANITORS, CHARWORKERS & CLEANERS	12	4	16	0.5
NURSING ASSISTANTS	9	7	16	0.5
HEALTH DIAGNOSING & TREATING OCCUPATIONS, N.E.C.	8	6	14	0.5
LIBRARY & FILE CLERKS	9	5	14	0.5
BARTENDERS	9	4	13	0.4
SALES WORKERS, COMMODITIES, N.E.C.	8	5	13	0.4

TABLE A-3 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES				
OCCUPATIONS	11	2	13	0.4
RECEPTIONISTS & INFORMATION CLERKS	9	3	12	0.4
COMMUNITY COLLEGE & VOCATIONAL SCHOOL TEACHERS	8	3	11	0.4
HOUSEKEEPER, SERVANT & RELATED OCCUPATIONS	6	5	11	0.4
BOOKKEEPERS & ACCOUNTING CLERKS	7	3	10	0.3
COLLECTORS	8	2	10	0.3
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	4	6	10	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK,				
MATERIAL HANDLING, N.E.C.	8	2	10	0.3
PERSONNEL AND RELATED OFFICERS	8	2	10	0.3
<b>SUB-TOTAL</b>	<b>2,042</b>	<b>564</b>	<b>2,606</b>	<b>86.7</b>
<b>OTHER</b>	<b>321</b>	<b>68</b>	<b>389</b>	<b>13.3</b>
<b>TOTAL**</b>	<b>2,363</b>	<b>632</b>	<b>2,995</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-4

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, VISUAL AND CREATIVE ARTS PROGRAMS, 1991

ENGLISH PROGRAMS		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME JOB %	AVERAGE ANNUAL SALARY \$
ADVERTISING AND DESIGN										
ADVERTISING	2 YR	165	140	84.8	125	89.3	88.0	77.6	56.0	19,827
ADVERTISING	3 YR	63	33	52.4	32	97.0	96.9	87.5	65.6	21,845
ADVERTISING AND GRAPHIC DESIGN	2 YR	168	106	63.1	85	58.8	75.3	58.8	42.4	20,621
ADVERTISING AND GRAPHIC DESIGN	3 YR	318	228	71.7	207	90.8	77.8	62.8	41.1	20,560
CREATIVE ADVERTISING	2 YR	31	7	22.6	6	85.7	66.7	66.7	16.7	17,000
GRAPHIC DESIGN FUNDAMENTALS	1 YR	11	6	54.5	1	-	-	-	-	-
INTERIOR DESIGN	2 YR	63	33	52.4	15	45.5	100.0	73.3	40.0	16,679
INTERIOR DESIGN	3 YR	122	89	73.0	83	93.3	88.0	68.7	51.8	20,922
VISUAL MERCHANDISING ARTS	2 YR	39	24	61.5	22	91.7	100.0	86.4	59.1	17,604
<b>TOTAL</b>		<b>980</b>	<b>666</b>	<b>68.0</b>	<b>576</b>	<b>86.5</b>	<b>83.5</b>	<b>68.9</b>	<b>47.9</b>	<b>20,307</b>
ART										
ART FUNDAMENTALS	1 YR	115	109	94.8	13	11.9	61.5	46.2	7.7	27,375
FINE ARTS AND CRAFTS	2 YR	6	0	0.0	0	-	-	-	-	-
FINE ARTS AND CRAFTS - ADVANCED	3 YR	29	21	72.4	14	66.7	92.9	64.3	35.7	18,980
MUSEUM TECHNOLOGY	3 YR	16	15	93.8	13	86.7	100.0	84.6	76.9	25,089
<b>TOTAL</b>		<b>166</b>	<b>145</b>	<b>87.3</b>	<b>40</b>	<b>27.6</b>	<b>85.0</b>	<b>65.0</b>	<b>40.0</b>	<b>23,205</b>
CRAFTS										
CERAMICS	2 YR	8	5	62.5	2	40.0	50.0	50.0	50.0	-
CERAMICS - ADVANCED	3 YR	16	10	62.5	5	50.0	80.0	60.0	20.0	12,000
GEMMOLOGY	1 YR	7	7	100.0	6	85.7	66.7	66.7	50.0	18,573
JEWELLERY ARTS	3 YR	17	10	58.8	8	80.0	87.5	62.5	62.5	16,183
JEWELLERY REPAIRS	1 YR	12	12	100.0	6	50.0	50.0	0.0	0.0	-
<b>TOTAL</b>		<b>60</b>	<b>44</b>	<b>73.3</b>	<b>27</b>	<b>61.4</b>	<b>70.4</b>	<b>48.1</b>	<b>37.0</b>	<b>16,610</b>
FASHION										
APPAREL MANUFACTURING MANAGEMENT	2 YR	7	6	85.7	6	100.0	83.3	66.7	66.7	23,000
COSMETIC SALES	1 YR	8	0	0.0	0	-	-	-	-	-
COSMETIC TECHNIQUES	2 YR	64	35	54.7	33	94.3	87.9	69.7	54.5	16,606
ESTHETICIAN	2 YR	23	22	95.7	19	86.4	94.7	84.2	47.4	18,366
FASHION ARTS	3 YR	51	27	52.9	23	85.2	87.0	73.9	56.5	19,111
FASHION ARTS - MODELLING AND FASHION	2 YR	3	2	66.7	2	100.0	100.0	100.0	100.0	-
FASHION ARTS AND MODELLING	1 YR	21	20	95.2	15	75.0	100.0	86.7	46.7	13,123
FASHION TECHNIQUE AND DESIGN	2 YR	95	75	78.9	53	70.7	73.6	56.6	37.7	16,748
<b>TOTAL</b>		<b>272</b>	<b>187</b>	<b>68.8</b>	<b>151</b>	<b>80.7</b>	<b>84.8</b>	<b>69.5</b>	<b>48.3</b>	<b>17,321</b>



TABLE A-4 (cont'd)

## VISUAL AND CREATIVE ARTS PROGRAMS

<i>ENGLISH PROGRAMS</i>		DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>GRAPHIC ARTS/PRINTING</b>											
GRAPHIC ARTS REPROD.-PRODUCTION CO-ORD											
PRINTING TECHNICIAN	16	2 YR	10	10	71.4	10	100.0	90.0	90.0	80.0	16,216
PRINTING TECHNOLOGY	23	3 YR	22	22	95.7	22	100.0	90.9	81.8	35.7	19,731
<b>TOTAL</b>	<b>69</b>		<b>57</b>	<b>57</b>	<b>82.6</b>	<b>54</b>	<b>94.7</b>	<b>85.2</b>	<b>74.1</b>	<b>53.7</b>	<b>19,499</b>
<b>HORTICULTURE</b>											
LANDSCAPE AND HORTICULTURAL TECHN											
RETAIL FLORICULTURE	18	3 YR	14	14	77.8	10	71.4	90.0	76.7	80.0	24,885
RETAIL FLORIST	39	1 YR	17	17	43.6	16	94.1	87.5	43.8	43.8	15,138
<b>TOTAL</b>	<b>120</b>		<b>78</b>	<b>78</b>	<b>65.0</b>	<b>60</b>	<b>76.9</b>	<b>85.0</b>	<b>70.0</b>	<b>68.3</b>	<b>22,183</b>
<b>MEDIA</b>											
ANIMATION											
ANIMATION - TELEVISION	30	3 YR	24	24	80.0	18	75.0	66.7	61.1	33.3	21,777
AUDIO-VISUAL TECHNICIAN	13	2 YR	13	13	100.0	13	100.0	53.8	7.7	7.7	21,718
BOOK AND MAGAZINE PUBLISHING	70	2 YR	51	51	72.9	46	90.2	80.4	67.4	34.8	17,017
BROADCASTING - RADIO AND TELEVISION	28	2 YR	14	14	50.0	14	100.0	92.9	71.4	50.0	17,290
BROADCASTING - RADIO AND TELEVISION	318	2 YR	238	238	74.8	222	93.3	82.9	59.9	42.3	17,204
BROADCASTING - RADIO AND TELEVISION	100	3 YR	77	77	77.0	73	94.8	83.6	57.5	32.9	21,082
COMPUTER ANIMATION	18	PD	15	15	83.3	14	93.3	78.6	64.3	35.7	19,429
COMPUTER GRAPHICS	15	PD	12	12	80.0	11	91.7	54.5	27.3	9.1	30,000
FILM AND TELEVISION PRODUCTION	19	PD	17	17	89.5	14	82.4	71.4	35.7	35.7	23,461
FILM PRODUCTION	23	3 YR	14	14	60.9	13	92.9	61.5	53.8	30.8	24,366
JOURNALISM - PRINT AND BROADCASTING	11	2 YR	8	8	72.7	8	100.0	87.5	75.0	50.0	23,347
JOURNALISM - PRINT AND BROADCASTING	164	2 YR	123	123	75.0	112	91.1	83.9	67.0	46.4	18,397
JOURNALISM - PRINT AND BROADCASTING	61	3 YR	43	43	70.5	40	93.0	80.0	75.0	50.0	21,770
MEDIA ARTS	59	2 YR	40	40	67.8	32	80.0	87.5	81.3	40.6	23,256
MUSIC INDUSTRY ARTS	41	2 YR	34	34	82.9	28	82.4	82.1	53.6	32.1	17,590
PHOTOGRAPHY	96	2 YR	81	81	84.4	67	82.7	83.6	68.7	47.8	17,540
PHOTOGRAPHY	12	PD	8	8	66.7	6	75.0	83.3	50.0	50.0	17,729
PHOTOJOURNALISM	18	2 YR	13	13	72.2	13	100.0	76.9	61.5	53.8	20,786
TECHNICAL WRITER	3 YR	10	12	12	92.3	12	100.0	58.3	58.3	58.3	33,125
TECHNICAL WRITER	10	PD	10	10	100.0	9	90.0	88.9	77.8	33.3	58,661
TELECOMMUNICATIONS MANAGEMENT	23	PD	19	19	82.6	16	84.2	81.3	75.0	81.3	30,884
<b>TOTAL</b>	<b>1,142</b>		<b>866</b>	<b>866</b>	<b>75.8</b>	<b>781</b>	<b>90.2</b>	<b>80.9</b>	<b>62.5</b>	<b>41.6</b>	<b>19,971</b>

# VISUAL AND CREATIVE ARTS PROGRAMS

TABLE A-4 (cont'd)

<i>ENGLISH PROGRAMS</i>		DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>PERFORMING ARTS</b>											
ARTS ADMINISTRATION		2 YR	8	8	100.0	8	100.0	87.5	87.5	87.5	21,090
MUSIC		3 YR	78	62	79.5	47	75.3	89.4	70.2	48.9	19,235
MUSIC THEATRE - PERFORMANCE		3 YR	15	11	73.3	9	81.8	88.9	66.7	11.1	17,729
THEATRE ARTS		3 YR	29	22	75.9	18	81.8	88.9	72.2	44.4	16,740
THEATRE ARTS - PRODUCTION		2 YR	4	4	100.0	3	75.0	100.0	100.0	33.3	17,207
<b>TOTAL</b>			<b>134</b>	<b>107</b>	<b>79.9</b>	<b>85</b>	<b>79.4</b>	<b>89.4</b>	<b>72.9</b>	<b>47.1</b>	<b>18,992</b>
<b>TOTAL ENGLISH PROGRAMS</b>			<b>2,943</b>	<b>2,150</b>	<b>73.1</b>	<b>1,774</b>	<b>82.5</b>	<b>82.7</b>	<b>66.1</b>	<b>45.7</b>	<b>19,954</b>
<i>FRENCH PROGRAMS</i>											
<b>ADVERTISING AND DESIGN</b>											
ADVERTISING		2 YR	18	15	83.3	12	80.0	75.0	75.0	33.3	16,916
ADVERTISING AND GRAPHIC DESIGN		2 YR	15	12	80.0	11	91.7	72.7	72.7	0.0	-
INTERIOR DESIGN		3 YR	15	11	73.3	11	100.0	72.7	27.3	0.0	-
<b>TOTAL</b>			<b>48</b>	<b>38</b>	<b>79.2</b>	<b>34</b>	<b>89.5</b>	<b>73.5</b>	<b>58.8</b>	<b>11.8</b>	<b>16,916</b>
<b>GRAPHIC ARTS/PRINTING</b>											
PRINTING TECHNICIAN		2 YR	6	5	83.3	3	60.0	100.0	100.0	0.0	-
<b>TOTAL</b>			<b>6</b>	<b>5</b>	<b>83.3</b>	<b>3</b>	<b>60.0</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>	<b>-</b>
<b>HORTICULTURE</b>											
LANDSCAPE AND HORTICULTURAL TECHN		2 YR	3	3	100.0	3	100.0	66.7	66.7	0.0	-
RETAIL FLORIST		1 YR	5	4	80.0	3	75.0	0.0	0.0	0.0	-
<b>TOTAL</b>			<b>8</b>	<b>7</b>	<b>87.5</b>	<b>6</b>	<b>85.7</b>	<b>33.3</b>	<b>33.3</b>	<b>0.0</b>	<b>-</b>
<b>MEDIA</b>											
BROADCASTING - RADIO AND TELEVISION		2 YR	15	9	60.0	9	100.0	88.9	55.6	11.1	-
JOURNALISM - PRINT AND BROADCASTING		2 YR	3	2	66.7	1	-	-	-	-	-
PHOTOGRAPHY		2 YR	5	5	100.0	5	100.0	80.0	80.0	20.0	11,680
<b>TOTAL</b>			<b>23</b>	<b>16</b>	<b>69.6</b>	<b>15</b>	<b>93.8</b>	<b>86.7</b>	<b>66.7</b>	<b>20.0</b>	<b>19,340</b>
<b>TOTAL FRENCH PROGRAMS</b>			<b>85</b>	<b>66</b>	<b>77.6</b>	<b>58</b>	<b>87.9</b>	<b>74.1</b>	<b>60.3</b>	<b>12.1</b>	<b>17,724</b>
<b>TOTAL VISUAL AND CREATIVE ARTS PROGRAMS</b>			<b>3,028</b>	<b>2,216</b>	<b>73.2</b>	<b>1,832</b>	<b>82.7</b>	<b>82.4</b>	<b>65.9</b>	<b>44.6</b>	<b>19,935</b>

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-5

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1991

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
TELECOMMUNICATION BROADCASTING INDUSTRIES	121	52	173	13.1
ADVERTISING SERVICES	122	6	128	9.7
OTHER BUSINESS SERVICES	54	11	65	4.9
COMBINED PUBLISHING AND PRINTING INDUSTRIES	52	6	58	4.4
GENERAL MERCHANDISE STORES	35	23	58	4.4
FOOD SERVICES	36	16	52	3.9
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	42	8	50	3.8
THEATRICAL AND OTHER STAGED ENTERTAINMENT SERVICES	30	8	38	2.9
PUBLISHING INDUSTRIES	31	3	34	2.6
PHOTOGRAPHERS	24	7	31	2.4
FOOD STORES	16	14	30	2.3
FLORISTS, LAWN AND GARDEN CENTRES	14	7	21	1.6
GENERAL ADMINISTRATIVE SERVICES	20	1	21	1.6
OTHER RETAIL STORES	17	3	20	1.5
COMMERCIAL PRINTING INDUSTRIES	19	--	19	1.4
WOMEN'S CLOTHING STORES	16	2	18	1.4
BARBER AND BEAUTY SHOPS	12	3	15	1.1
HORTICULTURAL SPECIALTIES	14	--	14	1.1
CAMERA AND PHOTOGRAPHIC SUPPLY STORES	11	2	13	1.0
POST-SECONDARY NON-UNIVERSITY EDUCATION	4	9	13	1.0
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	12	--	12	0.9
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	9	3	12	0.9
PLATEMAKING, TYPESETTING AND BINDERY INDUSTRY	11	--	11	0.8
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	10	--	10	0.8
<b>SUB-TOTAL</b>	<b>732</b>	<b>184</b>	<b>916</b>	<b>69.6</b>
<b>OTHER</b>	<b>333</b>	<b>68</b>	<b>401</b>	<b>30.4</b>
<b>TOTAL**</b>	<b>1,065</b>	<b>252</b>	<b>1,317</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-6

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1991

OCCUPATION *	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ADVERTISING & ILLUSTRATING ARTISTS	104	15	119	9.2
WRITERS & EDITORS, PUBLICATION	82	8	90	6.9
SALES CLERKS, COMMODITIES	40	23	63	4.9
PHOTOGRAPHERS & CAMERA OPERATORS	43	17	60	4.6
SALES WORKERS, COMMODITIES, N.E.C.	46	14	60	4.6
PRODUCT & INTERIOR DESIGNERS	48	8	56	4.3
RADIO & TV ANNOUNCERS	35	18	53	4.1
FOOD & BEVERAGE SERVING OCCUPATIONS	24	11	35	2.7
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	28	4	32	2.5
OCCUPATIONS IN FINE & COMMERCIAL ART PHOTOGRAPHY & RELATED FIELDS	23	8	31	2.4
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	31	--	31	2.4
TELLERS & CASHIERS	13	18	31	2.4
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	22	2	24	1.9
PRODUCERS & DIRECTORS, PERFORMING & AUDIOVISUAL ARTS	21	2	23	1.8
SECRETARIES & STENOGRAPHERS	20	3	23	1.8
WRITERS & EDITORS: RADIO, TV, THEATRE & MOTION PICTURES	17	5	22	1.7
BARBERS, HAIRDRESSERS & RELATED OCCUPATIONS	17	4	21	1.6
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	16	5	21	1.6
MUSICIANS	15	4	19	1.5
NURSERY & RELATED WORKERS	17	1	18	1.4
PHOTOGRAPHIC PROCESSING & FINISHING OCCUPATIONS	14	4	18	1.4
OCCUPATIONS IN PERFORMING & AUDIOVISUAL ARTS, N.E.C.	16	1	17	1.3
ADVERTISING SALES OCCUPATIONS	16	--	16	1.2
RECEPTIONISTS & INFORMATION CLERKS	13	1	14	1.1

TABLE A-6 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
GENERAL OFFICE CLERKS	12	1	13	1.0
PRINTING PRESS OCCUPATIONS	13	--	13	1.0
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	8	4	12	0.9
SALES & ADVERTISING MANAGEMENT OCCUPATIONS	10	1	11	0.8
RADIO & TV BROADCASTING EQUIPMENT OPERATORS	7	3	10	0.8
<b>SUB-TOTAL</b>	<b>771</b>	<b>185</b>	<b>956</b>	<b>73.8</b>
<b>OTHER</b>	<b>276</b>	<b>63</b>	<b>339</b>	<b>26.2</b>
<b>TOTAL**</b>	<b>1,047</b>	<b>248</b>	<b>1,295</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-7

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, HOSPITALITY PROGRAMS, 1991

ENGLISH PROGRAMS										
CULINARY ARTS										
CHEF TRAINING	1 YR	70	61	87.1	50	82.0	84.0	68.0	58.0	19,577
CULINARY ARTS - ITALIAN	PD	12	9	75.0	7	77.8	71.4	57.1	57.1	12,254
CULINARY MANAGEMENT	2 YR	86	67	77.9	52	77.6	90.4	80.8	80.8	20,554
TOTAL		168	137	81.5	109	79.6	86.2	73.4	68.8	19,771
HOSPITALITY MANAGEMENT										
FLIGHT SERVICES	1 YR	11	9	81.8	8	88.9	75.0	75.0	37.5	12,881
FOOD AND BEVERAGE MANAGEMENT	2 YR	61	42	68.9	36	85.7	91.7	72.2	69.4	16,759
FOOD SERVICE SUPERVISOR	2 YR	39	29	74.4	27	93.1	88.9	51.9	40.7	25,137
FOOD SERVICE SUPERVISOR	PD	14	14	100.0	12	85.7	83.3	66.7	66.7	27,079
HOSPITALITY ADMINISTRATION & SERVICE	3 YR	74	51	68.9	46	90.2	93.5	89.1	73.9	19,644
HOTEL AND RESTAURANT ADMINISTRATION	3 YR	67	45	67.2	32	71.1	81.3	65.6	62.5	17,197
HOTEL AND RESTAURANT MANAGEMENT	2 YR	338	275	81.4	242	88.0	87.6	80.6	71.5	17,565
TOTAL		604	465	77.0	403	86.7	87.8	77.2	68.0	18,302
TOTAL ENGLISH PROGRAMS		772	602	78.0	512	85.0	87.5	76.4	68.2	18,617
FRENCH PROGRAMS										
HOSPITALITY MANAGEMENT										
HOTEL AND RESTAURANT MANAGEMENT	2 YR	6	5	83.3	4	80.0	100.0	50.0	0.0	-
TOTAL		6	5	83.3	4	80.0	100.0	50.0	0.0	-
TOTAL FRENCH PROGRAMS		6	5	83.3	4	80.0	100.0	50.0	0.0	-
BILINGUAL PROGRAMS										
HOSPITALITY MANAGEMENT										
HOTEL AND RESTAURANT MANAGEMENT	2 YR	2	2	100.0	0	0.0	-	-	-	-
TOTAL		2	2	100.0	0	0.0	-	-	-	-
TOTAL BILINGUAL PROGRAMS		2	2	100.0	0	0.0	-	-	-	-
TOTAL HOSPITALITY PROGRAMS		780	609	78.1	516	84.7	87.6	76.2	67.6	18,617

Note: Appendix F for a list of abbreviations used in this table.



TABLE A-8

**DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HOSPITALITY PROGRAMS, 1991**

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
FOOD SERVICES	128	14	142	32.8
HOTELS, MOTELS AND TOURIST COURTS	123	9	132	30.5
SERVICE INDUSTRIES INCIDENTAL TO CRUDE PETROLEUM AND NATURAL GAS	28	1	29	6.7
HOSPITALS	5	11	16	3.7
<b>SUB-TOTAL</b>	<b>284</b>	<b>35</b>	<b>319</b>	<b>73.7</b>
<b>OTHER</b>	<b>100</b>	<b>14</b>	<b>114</b>	<b>26.3</b>
<b>TOTAL**</b>	<b>384</b>	<b>49</b>	<b>433</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-9

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HOSPITALITY PROGRAMS, 1991

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	84	6	90	20.9
CHEFS & COOKS	73	13	86	20.0
FOOD & BEVERAGE SERVING OCCUPATIONS	46	10	56	13.0
HOTEL CLERKS	42	2	44	10.2
TELLERS & CASHIERS	17	--	17	3.9
BOOKKEEPERS & ACCOUNTING CLERKS	15	--	15	3.5
<b>SUB-TOTAL</b>	<b>277</b>	<b>31</b>	<b>308</b>	<b>71.5</b>
<b>OTHER</b>	<b>105</b>	<b>18</b>	<b>123</b>	<b>28.5</b>
<b>TOTAL**</b>	<b>382</b>	<b>49</b>	<b>431</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-10

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1991

		TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL TIME		PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$	
DURATION	#	#	%	#	%	#	%	%	%	%	%	%	%	\$	
<b>ENGLISH PROGRAMS</b>															
<b>ACCOUNTING/FINANCE</b>															
1 YR	40	14	35.0			12	85.7	58.3	41.7	25.0				18,924	
2 YR	571	437	76.5			336	76.9	81.0	70.2	55.1				20,105	
3 YR	28	26	92.9			23	88.5	91.3	78.3	47.8				22,298	
BUSINESS ADMINISTRATION - ACCOUNTING	544	440	80.9			401	91.1	84.8	79.1	64.1				21,119	
BUSINESS ADMINISTRATION - FINANCE	32	31	96.9			30	96.8	86.7	76.7	53.3				23,153	
INSURANCE	34	28	82.4			26	92.9	88.5	84.6	73.1				20,844	
<b>TOTAL</b>	<b>1,249</b>	<b>976</b>	<b>78.1</b>			<b>828</b>	<b>84.8</b>	<b>83.2</b>	<b>75.0</b>	<b>59.3</b>				<b>20,808</b>	
<b>AVIATION MANAGEMENT</b>															
2 YR	8	8	100.0			7	87.5	85.7	85.7	85.7				20,951	
3 YR	30	28	93.3			27	96.4	85.2	85.2	66.7				24,573	
CIVIL AVIATION - AIR TRAFFIC SERVICES	2	2	100.0			2	100.0	100.0	100.0	50.0				-	
<b>TOTAL</b>	<b>40</b>	<b>38</b>	<b>95.0</b>			<b>36</b>	<b>94.7</b>	<b>86.1</b>	<b>86.1</b>	<b>69.4</b>				<b>24,158</b>	
<b>BUSINESS COMPUTER</b>															
3 YR	5	4	80.0			4	100.0	50.0	50.0	50.0				29,000	
BUS. ADMIN. - ACCOUNTANT/PRGMR ANALYST	180	141	78.3			132	93.6	84.1	79.5	68.9				27,079	
BUS. ADMIN. - INFORMATION SYSTEMS	5	5	100.0			5	100.0	20.0	20.0	15,000				15,000	
BUS. TECHY. - INFO./COMMUNICATION SYST.	190	145	76.3			109	75.2	79.8	70.6	49.5				25,099	
BUSINESS - INFORMATION SYSTEMS	16	13	81.3			13	100.0	76.9	69.2	46.2				18,957	
COMPUTER OPERATOR	239	156	65.3			144	92.3	79.2	72.2	63.9				27,428	
COMPUTER PROGRAMMER	233	153	65.7			150	98.0	83.3	78.7	71.3				27,958	
COMPUTER PROGRAMMER ANALYST	24	19	79.2			15	78.9	73.3	73.3	46.7				21,927	
MICROCOMPUTER MANAGEMENT	23	19	82.6			17	89.5	52.9	52.9	47.1				17,160	
SMALL BUSINESS - OFFICE AUTOMATION	1	0	0.0			0	-	-	-	-				-	
SYSTEMS ANALYST	916	655	71.5			589	89.9	79.8	74.0	62.5				26,657	
<b>TOTAL</b>															
<b>BUSINESS LEGAL</b>															
3 YR	18	18	100.0			16	88.9	81.3	62.5	56.3				23,232	
2 YR	445	301	67.6			278	92.4	85.3	76.6	56.5				19,682	
LEGAL ASSISTANT	38	6	15.8			6	100.0	83.3	66.7	50.0				25,173	
REGULATORY LAW ADMINISTRATION	17	10	58.8			9	90.0	66.7	66.7	66.7				29,100	
WORKERS' COMPENSATION CLAIMS MGT	518	335	64.7			309	92.2	84.5	75.4	56.6				20,303	
<b>TOTAL</b>															

TABLE A-10 (cont'd)

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

<u>ENGLISH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	GRADS IN LABOUR FORCE #	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<u>BUSINESS MANAGEMENT</u>								
BUS. ADMINISTRATION - OPERATIONS MGT	3 YR	50	41	38	92.7	86.8	63.2	22,432
BUSINESS	2 YR	513	340	272	80.0	81.6	54.8	19,793
BUSINESS - DISTRIBUTION MANAGEMENT	2 YR	13	8	8	100.0	50.0	37.5	24,000
BUSINESS ADMINISTRATION	2 YR	628	425	368	86.6	84.2	57.3	21,712
FARM BUSINESS MANAGEMENT	2 YR	7	6	6	100.0	100.0	83.3	28,594
INTERNATIONAL BUSINESS	3 YR	29	20	18	90.0	88.9	61.1	27,095
INTERNATIONAL BUSINESS MANAGEMENT	PD	14	2	2	100.0	100.0	100.0	-
PROPERTY MANAGEMENT	2 YR	28	17	16	94.1	81.3	75.0	27,708
TRANSPORTATION & DISTRIBUTION ADMIN.	3 YR	6	0	0	-	-	-	-
TRANSPORTATION AND DISTRIBUTION	2 YR	20	15	13	86.7	100.0	69.2	25,532
<b>TOTAL</b>		<b>1,308</b>	<b>874</b>	<b>741</b>	<b>84.8</b>	<b>83.5</b>	<b>57.4</b>	<b>21,700</b>
<u>GOVERNMENT/REAL ESTATE</u>								
ASSESSMENT AND APPRAISAL	2 YR	25	20	18	90.0	77.8	50.0	24,935
GOVERNMENT ADMINISTRATION	2 YR	1	1	-	-	-	-	-
MUNICIPAL ADMINISTRATION	1 YR	3	0	0	-	-	-	-
MUNICIPAL ADMINISTRATION & ASSESSMENT	2 YR	11	10	10	100.0	80.0	40.0	27,461
<b>TOTAL</b>		<b>40</b>	<b>31</b>	<b>29</b>	<b>93.5</b>	<b>79.3</b>	<b>44.8</b>	<b>25,394</b>
<u>HUMAN RESOURCES/INDUSTRIAL RELATIONS</u>								
BUS. ADMIN. - HUMAN RESOURCES MGT	3 YR	85	76	69	90.8	81.2	44.9	21,896
BUSINESS - HUMAN RESOURCES	2 YR	30	27	16	59.3	81.3	31.3	30,552
HUMAN RESOURCES MANAGEMENT	PD	122	83	79	95.2	87.3	72.2	28,442
INDUSTRIAL RELATIONS	3 YR	4	4	4	100.0	100.0	75.0	26,774
<b>TOTAL</b>		<b>241</b>	<b>190</b>	<b>168</b>	<b>88.4</b>	<b>84.5</b>	<b>57.1</b>	<b>26,163</b>
<u>MARKETING/RETAIL SALES</u>								
BUS. ADMIN. - AUTOMOTIVE MARKETING	3 YR	94	87	52	59.8	100.0	90.4	26,393
BUSINESS - ADVERTISING	2 YR	30	22	19	86.4	89.5	47.4	21,090
BUSINESS - MARKETING	2 YR	397	325	266	81.8	86.5	49.6	19,925
BUSINESS - RETAILING	2 YR	76	49	44	89.8	95.5	72.7	19,599
BUSINESS - SALES	2 YR	30	22	21	95.5	81.0	66.7	24,683
BUSINESS ADMINISTRATION - MARKETING	3 YR	384	283	247	87.3	85.4	55.1	22,987
FASHION MERCHANDISING	2 YR	74	45	41	91.1	90.2	61.0	13,884
FASHION MERCHANDISING	3 YR	31	22	21	95.5	90.5	85.7	17,013
MARKETING MANAGEMENT	PD	31	25	21	84.0	81.0	42.9	23,171
PARTS MANAGEMENT AND MERCHANDISING	1 YR	9	8	7	87.5	100.0	85.7	19,354
RECREATIONAL MERCHANDISING	2 YR	21	21	20	95.2	85.0	70.0	21,640
SPORTS MARKETING	PD	16	15	15	100.0	66.7	46.7	29,583
<b>TOTAL</b>		<b>1,193</b>	<b>924</b>	<b>774</b>	<b>83.8</b>	<b>87.7</b>	<b>58.0</b>	<b>21,433</b>

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

ENGLISH PROGRAMS														
MATERIALS MANAGEMENT														
BUSINESS - MATERIALS MANAGEMENT	2 YR	5	3	60.0	3	100.0	100.0	100.0	66.7	-				
BUSINESS - PURCHASING	2 YR	16	16	100.0	11	68.8	90.9	72.7	45.5	16,990				
MATERIALS MANAGEMENT	3 YR	68	67	98.5	63	94.0	81.0	71.4	49.2	24,840				
TOTAL		89	86	96.6	77	89.5	83.1	72.7	49.4	24,302				
OFFICE ADMINISTRATION														
BUSINESS - OFFICE SYSTEMS	2 YR	56	43	76.8	41	95.3	82.9	70.7	56.1	23,036				
OFFICE ADMIN. - INFORMATION SYSTEMS	2 YR	21	17	81.0	16	94.1	100.0	81.3	75.0	22,906				
OFFICE ADMIN. - WORD PROCESSING	1 YR	45	37	82.2	34	91.9	85.3	73.5	67.6	20,539				
OFFICE ADMIN. - WORD PROCESSING	2 YR	44	33	75.0	27	81.8	88.9	70.4	55.6	21,612				
OFFICE ADMINISTRATION - EXECUTIVE	1 YR	7	7	100.0	7	100.0	100.0	100.0	100.0	21,932				
OFFICE ADMINISTRATION - EXECUTIVE	2 YR	439	355	80.9	306	86.2	82.0	62.7	54.6	19,747				
OFFICE ADMINISTRATION - GENERAL	1 YR	366	255	69.7	171	67.1	78.4	59.6	46.8	17,694				
OFFICE SYSTEMS ADMINISTRATION	3 YR	39	36	92.3	33	91.7	87.9	75.8	72.7	21,007				
RECORDS AND INFORMATION MANAGEMENT	2 YR	8	6	75.0	5	83.3	80.0	80.0	80.0	22,750				
RECORDS OPERATIONS	1 YR	20	18	90.0	17	94.4	64.7	52.9	47.1	24,706				
TOTAL		1,045	807	77.2	657	81.4	82.0	64.7	55.3	20,084				
OFFICE ADMINISTRATION - HEALTH														
DENTAL OFFICE ADMINISTRATION	1 YR	13	13	100.0	5	38.5	80.0	80.0	60.0	17,160				
HEALTH OFFICE ADMINISTRATION	PD	11	11	100.0	11	100.0	90.9	45.5	45.5	17,607				
HEALTH RECORDS ADMINISTRATION	2 YR	34	29	85.3	27	93.1	88.9	81.5	81.5	26,494				
HEALTH RECORDS TECHNICIAN	1 YR	42	38	90.5	29	76.3	93.1	79.3	65.5	23,590				
HEALTH RECORDS TECHNICIAN	2 YR	21	15	71.4	14	93.3	78.6	50.0	42.9	27,263				
MEDICAL TRANSCRIPTIONIST-HEALTH RECORDS	1 YR	20	16	80.0	15	93.8	73.3	60.0	60.0	23,000				
OFFICE ADMINISTRATION - MEDICAL	1 YR	23	15	65.2	14	93.3	64.3	50.0	42.9	19,612				
OFFICE ADMINISTRATION - MEDICAL	2 YR	225	167	74.2	157	94.0	89.2	68.2	60.5	20,544				
TOTAL		389	304	78.1	272	89.5	86.8	67.6	60.7	21,889				
OFFICE ADMINISTRATION - LEGAL														
COURT REPORTING - MACHINE SHORTHAND	3 YR	12	7	58.3	7	100.0	100.0	42.9	42.9	38,508				
COURT REPORTING - STENOMASK	1 YR	3	3	100.0	3	100.0	100.0	100.0	100.0	-				
OFFICE ADMINISTRATION - LEGAL	1 YR	37	25	67.6	23	92.0	91.3	73.9	73.9	18,732				
OFFICE ADMINISTRATION - LEGAL	2 YR	259	186	71.8	175	94.1	90.3	84.6	73.7	20,957				
TOTAL		311	221	71.1	208	94.1	90.9	82.2	73.1	21,274				
SMALL BUSINESS														
BUS. ADMINISTRATION - SMALL BUS. MGT	3 YR	22	6	27.3	4	66.7	50.0	50.0	50.0	21,343				
SMALL BUSINESS	1 YR	2	1	50.0	-	-	-	-	-	-				
SMALL BUSINESS MANAGEMENT	2 YR	14	5	35.7	4	80.0	75.0	50.0	25.0	-				
TOTAL		38	12	31.6	9	75.0	55.6	44.4	33.3	21,343				



TABLE A-10 (cont'd)

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

<u>ENGLISH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>TRAVEL/TOURISM</b>										
TOURISM MANAGEMENT	3 YR	86	45	52.3	40	88.9	82.5	67.5	50.0	19,912
TRAVEL AND TOURISM	2 YR	434	315	72.6	284	90.2	82.4	73.6	48.6	16,148
<b>TOTAL</b>		520	360	69.2	324	90.0	82.4	72.8	48.8	16,682
<b>TOTAL ENGLISH PROGRAMS</b>		7,897	5,813	73.6	5,021	86.4	83.9	72.7	58.2	21,785
<b>FRENCH PROGRAMS</b>										
<b>ACCOUNTING/FINANCE</b>										
BUSINESS - ACCOUNTING	2 YR	10	8	80.0	6	75.0	83.3	66.7	33.3	20,950
BUSINESS ADMINISTRATION - ACCOUNTING	3 YR	17	13	76.5	11	84.6	90.9	81.8	27.3	21,000
BUSINESS ADMINISTRATION - FINANCE	3 YR	2	2	100.0	2	100.0	100.0	50.0	0.0	-
<b>TOTAL</b>		29	23	79.3	19	82.6	89.5	73.7	26.3	20,980
<b>BUSINESS COMPUTER</b>										
BUS. ADMIN. - INFORMATION SYSTEMS	3 YR	15	7	46.7	7	100.0	100.0	100.0	57.1	28,340
BUSINESS - INFORMATION SYSTEMS	2 YR	10	10	100.0	6	60.0	83.3	83.3	16.7	25,081
COMPUTER OPERATOR	1 YR	10	8	80.0	7	87.5	28.6	14.3	14.3	24,108
COMPUTER PROGRAMMER	2 YR	11	4	36.4	4	100.0	75.0	75.0	0.0	-
<b>TOTAL</b>		46	29	63.0	24	82.8	70.8	66.7	25.0	27,092
<b>BUSINESS LEGAL</b>										
LEGAL ASSISTANT	2 YR	13	11	84.6	10	90.9	80.0	70.0	10.0	8,343
LEGAL TECHNICIAN - CIVIL	2 YR	11	10	90.9	7	70.0	71.4	71.4	57.1	24,652
<b>TOTAL</b>		24	21	87.5	17	81.0	76.5	70.6	29.4	19,215
<b>BUSINESS MANAGEMENT</b>										
BUSINESS ADMINISTRATION	3 YR	39	30	76.9	26	86.7	80.8	76.9	26.9	18,916
<b>TOTAL</b>		39	30	76.9	26	86.7	80.8	76.9	26.9	18,916
<b>MARKETING/RETAIL SALES</b>										
BUSINESS - MARKETING	2 YR	9	8	88.9	7	87.5	85.7	57.1	0.0	-
BUSINESS ADMINISTRATION - MARKETING	3 YR	10	8	80.0	8	100.0	100.0	87.5	62.5	14,938
<b>TOTAL</b>		19	16	84.2	15	93.8	93.3	73.3	33.3	14,938
<b>OFFICE ADMINISTRATION</b>										
OFFICE ADMINISTRATION - EXECUTIVE	2 YR	25	23	92.0	23	100.0	91.3	87.0	56.5	18,696
OFFICE ADMINISTRATION - GENERAL	1 YR	26	24	92.3	19	79.2	89.5	84.2	42.1	15,643
<b>TOTAL</b>		51	47	92.2	42	89.4	90.5	85.7	50.0	18,461



TABLE A-10 (cont'd)

OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

FRENCH PROGRAMS												
OFFICE ADMINISTRATION - HEALTH												
OFFICE ADMINISTRATION - MEDICAL												
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$			
2 YR	7	7	100.0	6	85.7	100.0	100.0	100.0	17,283			
TOTAL	7	7	100.0	6	85.7	100.0	100.0	100.0	17,283			
TRAVEL/TOURISM												
TRAVEL AND TOURISM												
2 YR	5	2	40.0	2	100.0	100.0	100.0	0.0	-			
TOTAL	5	2	40.0	2	100.0	100.0	100.0	0.0	-			
TOTAL FRENCH PROGRAMS	220	175	79.5	151	86.3	84.8	77.5	36.4	19,477			
BILINGUAL PROGRAMS												
ACCOUNTING/FINANCE												
BUSINESS ADMINISTRATION - ACCOUNTING												
3 YR	8	8	100.0	6	75.0	83.3	66.7	66.7	-			
TOTAL	8	8	100.0	6	75.0	83.3	66.7	66.7	-			
BUSINESS MANAGEMENT												
BUSINESS												
2 YR	2	2	100.0	2	100.0	100.0	100.0	100.0	-			
TOTAL	2	2	100.0	2	100.0	100.0	100.0	100.0	-			
MARKETING/RETAIL SALES												
BUSINESS ADMINISTRATION - MARKETING												
3 YR	1	-	-	-	-	-	-	-	-			
TOTAL	1	-	-	-	-	-	-	-	-			
OFFICE ADMINISTRATION												
OFFICE ADMINISTRATION - EXECUTIVE												
OFFICE ADMINISTRATION - GENERAL												
2 YR	10	7	70.0	6	85.7	100.0	66.7	66.7	15,874			
1 YR	11	7	63.6	3	42.9	100.0	33.3	33.3	26,072			
TOTAL	21	14	66.7	9	64.3	100.0	55.6	55.6	18,423			
TOTAL BILINGUAL PROGRAMS	32	25	78.1	18	72.0	94.4	66.7	66.7	17,312			
TOTAL OFFICE AND BUSINESS ADMINISTRATION PROGRAMS												
	8,149	6,013	73.8	5,190	86.3	84.0	72.8	57.6	21,737			

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-11

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1991

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF LAWYERS AND NOTARIES	240	10	250	6.1
GENERAL ADMINISTRATIVE SERVICES	175	9	184	4.5
GENERAL MERCHANDISE STORES	110	49	159	3.9
HOSPITALS	108	35	143	3.5
FOOD SERVICES	105	35	140	3.4
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	114	23	137	3.3
INSURANCE AND REAL ESTATE AGENCIES	128	5	133	3.3
FOOD STORES	58	57	115	2.8
OTHER BUSINESS SERVICES	97	10	107	2.6
TRAVEL SERVICES	99	6	105	2.6
ACCOUNTING AND BOOKKEEPING SERVICES	93	7	100	2.4
COMPUTER AND RELATED SERVICES	91	5	96	2.3
TRUST COMPANIES	62	10	72	1.8
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	66	5	71	1.7
ECONOMIC SERVICES ADMINISTRATION	69	1	70	1.7
WOMEN'S CLOTHING STORES	59	10	69	1.7
HOTELS, MOTELS AND TOURIST COURTS	57	10	67	1.6
AUTOMOBILE DEALERS	61	3	64	1.6
HUMAN RESOURCE ADMINISTRATION	54	4	58	1.4
ADVERTISING SERVICES	47	6	53	1.3
POST-SECONDARY NON-UNIVERSITY EDUCATION	29	18	47	1.1
OTHER RETAIL STORES	30	11	41	1.0
ELEMENTARY AND SECONDARY EDUCATION	28	7	35	0.9
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	23	10	33	0.8
LIFE INSURERS	32	--	32	0.8
PROTECTIVE SERVICES	29	3	32	0.8
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	27	3	30	0.7
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	20	6	26	0.6
PROPERTY AND CASUALTY INSURERS	22	4	26	0.6
CLOTHING STORES N.E.C.	24	1	25	0.6
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	21	4	25	0.6

TABLE A-11 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NON-INSTITUTIONAL HEALTH SERVICES	20	5	25	0.6
AIR TRANSPORT INDUSTRIES	23	1	24	0.6
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	24	--	24	0.6
FOOD, WHOLESALE	20	4	24	0.6
TRUCK TRANSPORT INDUSTRIES	22	2	24	0.6
NON-INSTITUTIONAL SOCIAL SERVICES	17	5	22	0.5
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	19	1	20	0.5
MANAGEMENT CONSULTING SERVICES	18	2	20	0.5
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	20	--	20	0.5
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	16	3	19	0.5
CENTRAL BANK	14	5	19	0.5
DEFENCE SERVICES	18	1	19	0.5
MOTOR VEHICLE INDUSTRY	18	1	19	0.5
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	18	1	19	0.5
BUSINESS ASSOCIATIONS	17	1	18	0.4
BUSINESS FINANCING COMPANIES	18	--	18	0.4
AUTOMOTIVE PARTS AND ACCESSORIES STORES	16	1	17	0.4
ELECTRIC POWER SYSTEMS INDUSTRY	17	--	17	0.4
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	14	3	17	0.4
POSTAL AND COURIER SERVICE INDUSTRIES	14	3	17	0.4
TELECOMMUNICATION CARRIERS INDUSTRY	17	--	17	0.4
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	16	--	16	0.4
PORTFOLIO INVESTMENT INTERMEDIARIES	16	--	16	0.4
RESIDENTIAL BUILDING AND DEVELOPMENT	16	--	16	0.4
UNIVERSITY EDUCATION	12	4	16	0.4
MEN'S CLOTHING STORES	12	3	15	0.4
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	13	2	15	0.4
PUBLISHING INDUSTRIES	14	1	15	0.4
SECURITY BROKERS AND DEALERS	15	--	15	0.4
CREDIT UNIONS	13	1	14	0.3
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	12	2	14	0.3
LIQUOR, WINE AND BEER STORES	4	10	14	0.3
SERVICES TO BUILDINGS AND DWELLINGS	11	3	14	0.3

TABLE A-11 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SPORTING GOODS AND BICYCLE SHOPS	14	--	14	0.3
SPORTS AND RECREATION CLUBS AND SERVICES	9	5	14	0.3
TELECOMMUNICATION BROADCASTING INDUSTRIES	13	1	14	0.3
TOY, HOBBY, NOVELTY AND SOUVENIR STORES	13	1	14	0.3
LABOUR AND EMPLOYMENT SERVICES	11	2	13	0.3
OTHER FOOD PRODUCTS INDUSTRIES	12	1	13	0.3
SHOE STORES	12	1	13	0.3
AUTOMOBILE AND TRUCK RENTAL AND LEASING SERVICES	11	1	12	0.3
GASOLINE SERVICE STATIONS	10	2	12	0.3
HOUSEHOLD FURNITURE STORES	10	2	12	0.3
LABOUR, EMPLOYMENT AND IMMIGRATION SERVICES	12	--	12	0.3
LUMBER AND BUILDING MATERIALS, WHOLESALE	12	--	12	0.3
PROJECT MANAGEMENT, CONSTRUCTION	11	1	12	0.3
PUBLIC PASSENGER TRANSIT SYSTEMS INDUSTRIES	11	1	12	0.3
DRUGS AND TOILET PREPARATIONS, WHOLESALE	11	--	11	0.3
INTERIOR AND FINISHING WORK	10	1	11	0.3
OFFICES OF OTHER HEALTH PRACTITIONERS	9	2	11	0.3
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	9	2	11	0.3
SITE WORK	10	1	11	0.3
COMBINED PUBLISHING AND PRINTING INDUSTRIES	8	2	10	0.2
COMMERCIAL PRINTING INDUSTRIES	10	--	10	0.2
JEWELLERY STORES AND WATCH AND JEWELLERY REPAIR SHOPS	10	--	10	0.2
MEDICAL AND OTHER HEALTH LABORATORIES	9	1	10	0.2
MOTOR VEHICLE REPAIR SHOPS	8	2	10	0.2
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	9	1	10	0.2
OPERATORS OF BUILDINGS AND DWELLINGS	9	1	10	0.2
PRIMARY STEEL INDUSTRIES	10	--	10	0.2
REFINED PETROLEUM PRODUCTS INDUSTRIES	10	--	10	0.2
SERVICE INDUSTRIES INCIDENTAL TO AIR TRANSPORT	9	1	10	0.2
TAVERNS, BARS AND NIGHT CLUBS	6	4	10	0.2
<b>SUB-TOTAL</b>	<b>3,020</b>	<b>468</b>	<b>3,488</b>	<b>85.3</b>
<b>OTHER</b>	<b>556</b>	<b>47</b>	<b>603</b>	<b>14.7</b>
<b>TOTAL**</b>	<b>3,576</b>	<b>515</b>	<b>4,091</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-12

# DISTRIBUTION OF EMPLOYMENT BY OCCUPATION, OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1991

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SECRETARIES & STENOGRAPHERS	522	58	580	14.3
BOOKKEEPERS & ACCOUNTING CLERKS	406	17	423	10.4
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	239	6	245	6.0
TELLERS & CASHIERS	115	84	199	4.9
SALES CLERKS, COMMODITIES	105	73	178	4.4
GENERAL OFFICE CLERKS	153	18	171	4.2
RECEPTIONISTS & INFORMATION CLERKS	113	23	136	3.4
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	131	5	136	3.4
EDP EQUIPMENT OPERATORS	108	10	118	2.9
ACCOUNTANTS, AUDITORS & OTHER FINANCIAL OFFICERS	98	3	101	2.5
OCCUPATIONS IN LAW & JURISPRUDENCE, N.E.C.	87	4	91	2.2
TRAVEL CLERKS, TICKET, STATION & FREIGHT AGENTS	85	5	90	2.2
SALES WORKERS, COMMODITIES, N.E.C.	61	7	68	1.7
FOOD & BEVERAGE SERVING OCCUPATIONS	44	23	67	1.7
COMMERCIAL TRAVELLERS	64	--	64	1.6
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	58	5	63	1.6
TYPISTS & CLERK-TYPISTS	57	6	63	1.6
INSURANCE, BANK & OTHER FINANCE CLERKS	52	9	61	1.5
LIBRARY & FILE CLERKS	49	10	59	1.5
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	44	7	51	1.3
COLLECTORS	39	9	48	1.2
PERSONNEL CLERKS	47	--	47	1.2
STOCK CLERKS & RELATED OCCUPATIONS	35	6	41	1.0
PERSONNEL AND RELATED OFFICERS	30	3	33	0.8
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	25	6	31	0.8
HOTEL CLERKS	30	--	30	0.7
SALES & ADVERTISING MANAGEMENT OCCUPATIONS	29	--	29	0.7
ADJUSTERS, CLAIM	26	--	26	0.6
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT	19	2	21	0.5
OTHER MANAGERS & ADMINISTRATORS, N.E.C.	20	--	20	0.5
ADVERTISING SALES OCCUPATIONS	16	2	18	0.4
OTHER SALES OCCUPATIONS, N.E.C.	16	2	18	0.4
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	18	--	18	0.4



TABLE A-12 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
BUSINESS SERVICE SALES OCCUPATIONS	15	2	17	0.4
PRODUCTION CLERKS	15	2	17	0.4
SERVICE STATION ATTENDANTS	15	2	17	0.4
AIR TRANSPORT OPERATING SUPPORT OCCUPATIONS	15	--	15	0.4
GENERAL MANAGERS & OTHER SENIOR OFFICIALS	13	1	14	0.3
GUARDS & RELATED SECURITY OCCUPATIONS	11	3	14	0.3
JANITORS, CHARWORKERS & CLEANERS	8	6	14	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICES SHIPPING & RECEIVING CLERKS	7	7	14	0.3
SUPERVISORS: SALES OCCUPATIONS & AGENTS	13	1	14	0.3
BARTENDERS	14	--	14	0.3
CHEFS & COOKS	9	4	13	0.3
INSTRUCTORS & TRAINING OFFICERS, N.E.C.	9	4	13	0.3
LIBRARY, FILE & CORRESPONDENCE CLERKS & RELATED OCCUPATIONS	10	3	13	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	13	--	13	0.3
BOOKKEEPING ACCOUNTING - RECORDING & RELATED OCCUPATIONS	9	4	13	0.3
MAIL & POSTAL CLERKS	12	--	12	0.3
REAL ESTATE SALES OCCUPATIONS	9	3	12	0.3
SERVICE MANAGEMENT OCCUPATIONS	12	--	12	0.3
NURSERY & RELATED WORKERS	12	--	12	0.3
SUPERVISORS, BOOKKEEPING, ACCOUNT-RECORDING & RELATED OCCUPATIONS	11	--	11	0.3
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	10	1	11	0.3
	8	2	10	0.2
<b>SUB-TOTAL</b>	<b>3,191</b>	<b>448</b>	<b>3,639</b>	<b>89.7</b>
<b>OTHER</b>	<b>359</b>	<b>60</b>	<b>419</b>	<b>10.3</b>
<b>TOTAL**</b>	<b>3,550</b>	<b>508</b>	<b>4,058</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-13

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, HEALTH TECHNOLOGY PROGRAMS, 1991

ENGLISH PROGRAMS								
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	GRADS IN LABOUR FORCE #	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$	
ANIMAL CARE								
1 YR	54	49	45	91.8	84.4	44.4	14,946	
2 YR	6	6	3	50.0	100.0	66.7	-	
1 YR	22	18	7	38.9	100.0	42.9	18,980	
2 YR	19	17	15	88.2	86.7	66.7	10,668	
2 YR	47	21	20	95.2	100.0	100.0	20,845	
3 YR	32	25	23	92.0	82.6	73.9	20,458	
TOTAL	180	136	113	83.1	88.5	61.9	17,893	
HEALTH - MISCELLANEOUS								
1 YR	274	199	198	99.5	94.4	70.7	34,044	
PD	35	32	31	96.9	90.3	64.5	23,675	
2 YR	82	73	71	97.3	93.0	90.1	25,048	
2 YR	21	19	18	94.7	100.0	77.8	23,967	
TOTAL	412	323	318	98.5	94.0	74.8	30,457	
HEALTH TECHNOLOGY								
3 YR	19	17	17	100.0	76.5	64.7	38,413	
1 YR	467	377	366	97.1	93.2	77.0	19,668	
2 YR	188	140	140	100.0	97.9	68.6	49,434	
PD	12	12	12	100.0	100.0	66.7	60,877	
3 YR	18	11	10	90.9	100.0	90.0	19,165	
3 YR	16	8	8	100.0	100.0	37.5	62,500	
PD	38	16	16	100.0	100.0	100.0	34,394	
3 YR	215	131	128	97.7	87.5	56.3	29,671	
3 YR	28	15	15	100.0	100.0	86.7	35,540	
2 YR	40	40	40	100.0	95.0	90.0	25,734	
2 YR	22	11	10	90.9	80.0	70.0	27,106	
1 YR	109	81	72	88.9	91.7	70.8	21,663	
3 YR	24	16	16	100.0	100.0	93.8	37,744	
2 YR	104	86	82.7	89.5	94.8	64.9	32,128	
3 YR	47	39	39	100.0	100.0	97.4	33,496	
TOTAL	1,347	1,000	966	96.6	93.6	73.2	28,752	
TOTAL ENGLISH PROGRAMS	1,939	1,459	1,397	95.8	93.3	72.7	28,396	

TABLE A-13 (cont'd)

## HEALTH TECHNOLOGY PROGRAMS

<u>FRENCH PROGRAMS</u>		DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>HEALTH - MISCELLANEOUS</b>											
AMBULANCE AND EMERGENCY CARE		1 YR	33	30	90.9	28	93.3	89.3	75.0	35.7	33,835
<b>TOTAL</b>			<b>33</b>	<b>30</b>	<b>90.9</b>	<b>28</b>	<b>93.3</b>	<b>89.3</b>	<b>75.0</b>	<b>35.7</b>	<b>33,835</b>
<b>HEALTH TECHNOLOGY</b>											
DENTAL ASSISTANT		1 YR	26	22	84.6	20	90.9	95.0	90.0	60.0	18,172
DENTAL HYGIENE		2 YR	40	33	82.5	30	90.9	100.0	86.7	60.0	44,807
PHARMACY ASSISTANT		1 YR	5	5	100.0	3	60.0	100.0	66.7	0.0	-
RESPIRATORY THERAPY		3 YR	19	19	100.0	18	94.7	94.4	77.8	38.9	31,803
<b>TOTAL</b>			<b>90</b>	<b>79</b>	<b>87.8</b>	<b>71</b>	<b>89.9</b>	<b>97.2</b>	<b>84.5</b>	<b>52.1</b>	<b>34,140</b>
<b>TOTAL FRENCH PROGRAMS</b>			<b>123</b>	<b>109</b>	<b>88.6</b>	<b>99</b>	<b>90.8</b>	<b>94.9</b>	<b>81.8</b>	<b>47.5</b>	<b>34,074</b>
<u>BILINGUAL PROGRAMS</u>											
<b>HEALTH TECHNOLOGY</b>											
DENTAL ASSISTANT		1 YR	6	5	83.3	4	80.0	100.0	100.0	75.0	15,991
RADIOGRAPHY		2 YR	11	11	100.0	10	90.9	100.0	80.0	60.0	33,096
<b>TOTAL</b>			<b>17</b>	<b>16</b>	<b>94.1</b>	<b>14</b>	<b>87.5</b>	<b>100.0</b>	<b>85.7</b>	<b>64.3</b>	<b>25,765</b>
<b>TOTAL BILINGUAL PROGRAMS</b>			<b>17</b>	<b>16</b>	<b>94.1</b>	<b>14</b>	<b>87.5</b>	<b>100.0</b>	<b>85.7</b>	<b>64.3</b>	<b>25,765</b>
<b>TOTAL HEALTH TECHNOLOGY PROGRAMS</b>			<b>2,079</b>	<b>1,584</b>	<b>76.2</b>	<b>1,510</b>	<b>95.3</b>	<b>93.4</b>	<b>77.9</b>	<b>70.9</b>	<b>28,637</b>

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-14

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HEALTH TECHNOLOGY PROGRAMS, 1991

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	398	67	465	34.4
HOSPITALS	238	56	294	21.8
NON-INSTITUTIONAL HEALTH SERVICES	175	33	208	15.4
FUNERAL SERVICES	63	--	63	4.7
MEDICAL AND OTHER HEALTH LABORATORIES	39	12	51	3.8
SERVICES INCIDENTAL TO LIVESTOCK AND ANIMAL SPECIALTIES	42	1	43	3.2
OTHER RETAIL STORES	37	--	37	2.7
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	29	8	37	2.7
NON-INSTITUTIONAL SOCIAL SERVICES	10	1	11	0.8
OFFICES OF OTHER HEALTH PRACTITIONERS	8	3	11	0.8
FOOD SERVICES	7	3	10	0.7
HUMAN RESOURCE ADMINISTRATION	8	2	10	0.7
<b>SUB-TOTAL</b>	<b>1,054</b>	<b>186</b>	<b>1,240</b>	<b>91.8</b>
<b>OTHER</b>	<b>92</b>	<b>19</b>	<b>111</b>	<b>8.2</b>
<b>TOTAL**</b>	<b>1,146</b>	<b>205</b>	<b>1,351</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-15

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HEALTH TECHNOLOGY PROGRAMS, 1991

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
DENTURISTS, DENTAL HYGIENISTS, DENTAL ASSISTANTS	417	67	484	35.9
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	166	28	194	14.4
OTHER OCCUPATIONS IN MEDICINE & HEALTH, N.E.C.	141	22	163	12.1
MEDICAL LABORATORY TECHNOLOGISTS & TECHNICIANS	74	27	101	7.5
RADIOLOGICAL TECHNICIANS	56	21	77	5.7
FUNERAL DIRECTORS, EMBALMERS & RELATED OCCUPATIONS	64	--	64	4.7
PHYSIOTHERAPIST, OCCUPATIONAL & OTHER THERAPISTS	51	6	57	4.2
DISPENSING OPTICIANS	30	--	30	2.2
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	16	3	19	1.4
FORMING OCCUPATION: CLAY, GLASS & STONE	16	--	16	1.2
TELLERS & CASHIERS	5	8	13	1.0
HEALTH DIAGNOSING & TREATING OCCUPATIONS, N.E.C.	10	1	11	0.8
<b>SUB-TOTAL</b>	<b>1,046</b>	<b>183</b>	<b>1,229</b>	<b>91.1</b>
<b>OTHER</b>	<b>99</b>	<b>21</b>	<b>120</b>	<b>8.9</b>
<b>TOTAL</b>	<b>1,145</b>	<b>204</b>	<b>1,349</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, NURSING AND RELATED PROGRAMS, 1991

ENGLISH PROGRAMS											
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	TOTAL IN SURVEY %	GRADS IN LABOUR FORCE #	GRADS IN LABOUR FORCE %	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$		
NURSING RELATED											
2 YR	9	9	100.0	8	88.9	87.5	50.0	37.5	13,192		
PD	1	0	0.0	0	-	-	-	-	-		
3 YR	2,415	1,649	68.3	1,597	96.8	93.4	57.6	55.9	32,023		
1 YR	726	479	66.0	443	92.5	88.9	53.7	49.2	25,092		
PD	8	2	25.0	1	50.0	100.0	100.0	100.0	-		
REG. NURS. ASST. - PSYCHIATRIC NURSING											
PD	20	0	0.0	0	-	-	-	-	-		
REG. NURSE - CRITICAL CARE NURSING											
PD	2	0	0.0	0	-	-	-	-	-		
REG. NURSE - OCCUPATIONAL HEALTH NURS.											
PD	1	1	100.0	-	-	-	-	-	-		
REG. NURSING ASST. - OPERATING ROOM											
PD	18	0	0.0	0	-	-	-	-	-		
REGISTERED NURSE - OPERATING ROOM											
PD	0	0	0.0	0	-	-	-	-	-		
TOTAL	3,200	2,140	66.9	2,050	95.8	92.4	56.8	54.4	30,595		
TOTAL ENGLISH PROGRAMS	3,200	2,140	66.9	2,050	95.8	92.4	56.8	54.4	30,595		
FRENCH PROGRAMS											
NURSING RELATED											
3 YR	70	56	80.0	54	96.4	96.3	46.3	20.4	31,847		
NURSING											
1 YR	37	33	89.2	31	93.9	90.3	45.2	19.4	25,203		
NURSING ASSISTANT											
TOTAL	107	89	83.2	85	95.5	94.1	45.9	20.0	29,373		
TOTAL FRENCH PROGRAMS	107	89	83.2	85	95.5	94.1	45.9	20.0	29,373		
BILINGUAL PROGRAMS											
NURSING RELATED											
3 YR	8	8	100.0	8	100.0	75.0	37.5	37.5	27,769		
NURSING											
1 YR	13	13	100.0	11	84.6	90.9	54.5	54.5	20,304		
NURSING ASSISTANT											
TOTAL	21	21	100.0	19	90.5	84.2	47.4	47.4	22,792		
TOTAL BILINGUAL PROGRAMS	21	21	100.0	19	90.5	84.2	47.4	47.4	22,792		
TOTAL NURSING AND RELATED PROGRAMS											
	3,328	2,250	67.6	2,154	95.7	92.4	56.3	53.0	30,511		

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-17

**DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
NURSING AND RELATED PROGRAMS, 1991**

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBU- TION %
HOSPITALS	864	510	1,374	73.9
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	120	108	228	12.3
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	39	12	51	2.7
NON-INSTITUTIONAL HEALTH SERVICES	18	20	38	2.0
OFFICES OF OTHER HEALTH PRACTITIONERS	16	22	38	2.0
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	10	14	24	1.3
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	6	10	16	0.9
NON-INSTITUTIONAL SOCIAL SERVICES	9	5	14	0.8
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	5	7	12	0.6
FOOD SERVICES	7	3	10	0.5
<b>SUB-TOTAL</b>	<b>1,094</b>	<b>711</b>	<b>1,805</b>	<b>97.1</b>
<b>OTHER</b>	<b>33</b>	<b>21</b>	<b>54</b>	<b>2.9</b>
<b>TOTAL**</b>	<b>1,127</b>	<b>732</b>	<b>1,859</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.



TABLE A-18

**DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
NURSING AND RELATED PROGRAMS, 1991**

<b>OCCUPATION*</b>	<b>EMPLOYED FULL TIME #</b>	<b>EMPLOYED PART TIME #</b>	<b>EMPLOYED TOTAL #</b>	<b>PERCENTAGE DISTRIBUTION %</b>
NURSES, GRADUATE, EXCEPT SUPERVISORS	877	537	1,414	73.0
REGISTERED NURSING ASSISTANTS	224	142	366	18.9
NURSING ASSISTANTS	35	31	66	3.4
SUPERVISOR, NURSING OCCUPATIONS	8	5	13	0.7
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	7	5	12	0.6
<b>SUB-TOTAL</b>	<b>1,151</b>	<b>720</b>	<b>1,871</b>	<b>96.5</b>
<b>OTHER</b>	<b>42</b>	<b>25</b>	<b>67</b>	<b>3.5</b>
<b>TOTAL**</b>	<b>1,193</b>	<b>745</b>	<b>1,938</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-19

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, TECHNOLOGY PROGRAMS, 1991

<u>ENGLISH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>ARCHITECTURAL</b>										
ARCHITECTURAL TECHNICIAN	2 YR	201	181	90.0	86	47.5	75.6	64.0	43.0	21,426
ARCHITECTURAL TECHNOLOGY	3 YR	251	199	79.3	164	82.4	74.4	68.3	51.8	22,854
<b>TOTAL</b>		<b>452</b>	<b>380</b>	<b>84.1</b>	<b>250</b>	<b>65.8</b>	<b>74.8</b>	<b>66.8</b>	<b>48.8</b>	<b>22,455</b>
<b>AUTOMOTIVE</b>										
HEAVY EQUIPMENT SPECIALIST	PD	2	2	100.0	0	0.0	-	-	-	-
HEAVY EQUIPMENT TECHNICIAN	2 YR	64	57	89.1	53	93.0	75.5	69.8	54.7	21,750
MOTIVE POWER TECHNICIAN	2 YR	81	53	65.4	49	92.5	81.6	79.6	57.1	18,503
MOTIVE POWER TECHNIQUES - HEAVY EQUIP.	1 YR	50	37	74.0	30	81.1	56.7	46.7	33.3	21,349
MOTIVE POWER TECHS-SMALL POWERED EQUIP	1 YR	7	4	57.1	4	100.0	75.0	75.0	0.0	-
<b>TOTAL</b>		<b>204</b>	<b>153</b>	<b>75.0</b>	<b>136</b>	<b>88.9</b>	<b>73.5</b>	<b>68.4</b>	<b>49.3</b>	<b>20,330</b>
<b>AVIATION (FLIGHT)</b>										
AVIATION FLIGHT TECHNOLOGY	3 YR	43	34	79.1	27	79.4	96.3	85.2	63.0	22,904
AVIATION PILOT - ROTARY WING	PD	17	14	82.4	12	85.7	58.3	58.3	25.0	23,740
<b>TOTAL</b>		<b>60</b>	<b>48</b>	<b>80.0</b>	<b>39</b>	<b>81.3</b>	<b>84.6</b>	<b>76.9</b>	<b>51.3</b>	<b>23,029</b>
<b>AVIATION (MAINTENANCE)</b>										
AVIATION ENGINEERING TECHNOLOGY	3 YR	23	20	87.0	18	90.0	61.1	61.1	38.9	25,746
AVIATION TECHN - AIRCRAFT MAINTENANCE	2 YR	125	93	74.4	91	97.8	80.2	74.7	47.3	20,555
AVIATION TECHN - AVIONICS MAINTENANCE	2 YR	42	26	61.9	26	100.0	88.5	76.9	38.5	21,954
<b>TOTAL</b>		<b>190</b>	<b>139</b>	<b>73.2</b>	<b>135</b>	<b>97.1</b>	<b>79.3</b>	<b>73.3</b>	<b>44.4</b>	<b>21,347</b>
<b>CHEMICAL/BIOLOGICAL</b>										
CHEMICAL ENGINEERING TECHNICIAN	2 YR	108	86	79.6	53	61.6	67.9	56.6	43.4	24,122
CHEMICAL ENGINEERING TECHNOLOGY	3 YR	211	142	67.3	133	93.7	82.7	79.7	66.9	26,337
LABORATORY ASSISTANT	1 YR	8	0	0.0	0	-	-	-	-	-
METALLURGICAL ENGINEERING TECHNICIAN	2 YR	8	4	50.0	3	75.0	66.7	66.7	66.7	-
METALLURGICAL ENGINEERING TECHNOLOGY	3 YR	5	5	100.0	4	80.0	100.0	100.0	50.0	21,429
PULP AND PAPER ENGINEERING TECHNOLOGY	3 YR	3	3	100.0	3	100.0	100.0	100.0	100.0	-
<b>TOTAL</b>		<b>343</b>	<b>240</b>	<b>70.0</b>	<b>196</b>	<b>81.7</b>	<b>79.1</b>	<b>74.0</b>	<b>60.7</b>	<b>26,002</b>
<b>CIVIL</b>										
CIVIL ENGINEERING TECHNICIAN	2 YR	95	71	74.7	50	70.4	78.0	68.0	56.0	25,310
CIVIL ENGINEERING TECHNOLOGY	3 YR	215	157	73.0	124	79.0	78.2	74.2	67.7	28,667
CONSTRUCTION ENGINEERING TECHNICIAN	2 YR	96	76	79.2	54	71.1	79.6	70.4	51.9	26,552
CONSTRUCTION ENGINEERING TECHNOLOGY	3 YR	100	86	86.0	74	86.0	74.3	68.9	60.8	27,050
CONSTRUCTION TRADES TECHNIQUES	1 YR	10	10	100.0	10	100.0	90.0	70.0	40.0	17,305

# TECHNOLOGY PROGRAMS

TABLE A-19 (cont'd)

## ENGLISH PROGRAMS

### CIVIL (Cont'd)

GEOGRAPHIC INFORMATION SYSTEMS	PD	13	12	92.3	11	91.7	72.7	63.6	45.5	33,907
GEOGRAPHIC INFORMATION SYSTEMS TECH	2 YR	31	31	100.0	15	48.4	86.7	80.0	53.3	24,818
GEOGRAPHIC INFORMATION SYSTEMS TECH	3 YR	20	17	85.0	14	32.4	100.0	100.0	92.9	26,376
SURVEY TECHNICIAN	2 YR	26	18	69.2	17	84.4	70.6	70.6	47.1	24,438
SURVEY TECHNOLOGY	3 YR	13	11	84.6	10	90.9	70.0	70.0	70.0	26,895
<b>TOTAL</b>		<b>619</b>	<b>489</b>	<b>79.0</b>	<b>379</b>	<b>77.5</b>	<b>78.9</b>	<b>72.3</b>	<b>60.7</b>	<b>27,222</b>

### DRAFTING

DESIGN ARTS - INDUSTRIAL	3 YR	14	7	50.0	6	85.7	83.3	66.7	50.0	21,390
DESIGN ARTS - INDUSTRIAL DESIGN	2 YR	5	3	60.0	-	-	-	-	-	-
DRAFTING TECHNICIAN	2 YR	98	78	79.6	66	84.6	71.2	62.1	30.3	23,833
DRAFTING TECHNIQUES	1 YR	7	7	100.0	7	100.0	71.4	57.1	57.1	21,592
INDUSTRIAL DESIGN	3 YR	12	12	100.0	11	91.7	90.9	90.9	63.6	27,138
<b>TOTAL</b>		<b>136</b>	<b>107</b>	<b>78.7</b>	<b>91</b>	<b>85.0</b>	<b>74.7</b>	<b>65.9</b>	<b>38.5</b>	<b>24,010</b>

### ELECTRONICS

COMPUTER ENGINEERING TECHNOLOGY	3 YR	67	42	62.7	35	83.3	74.3	68.6	51.4	29,671
COMPUTER SYSTEMS TECHNICIAN	2 YR	13	11	84.6	10	90.9	40.0	30.0	10.0	29,200
COMPUTER SYSTEMS TECHNOLOGY	3 YR	29	28	96.6	25	89.3	96.0	92.0	84.0	26,327
ELECTRICAL ENGINEERING TECHNICIAN	2 YR	89	79	88.8	51	64.6	74.5	64.7	35.3	25,668
ELECTRICAL ENGINEERING TECHNOLOGY	3 YR	98	90	91.8	73	81.1	78.1	75.3	61.6	27,904
ELECTRONICS ENGINEERING - BIOMEDICAL	PD	9	7	77.8	7	100.0	100.0	100.0	100.0	31,946
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	450	335	74.4	259	77.3	71.4	60.6	43.2	24,412
ELECTRONICS ENGINEERING TECHNOLOGY	3 YR	368	287	78.0	264	92.0	80.7	75.4	67.8	25,694
ELECTRONICS SERVICING TECHNIQUES	1 YR	6	6	100.0	5	83.3	80.0	60.0	40.0	44,643
ELECTRONICS TECHN - GENERAL SERVICING	2 YR	18	14	77.8	9	64.3	88.9	77.8	66.7	21,679
<b>TOTAL</b>		<b>1,147</b>	<b>899</b>	<b>78.4</b>	<b>738</b>	<b>82.1</b>	<b>76.7</b>	<b>69.2</b>	<b>55.4</b>	<b>25,969</b>

### FURNITURE/WOOD PRODUCTS

CARPENTRY AND MILLWORK - HERITAGE	2 YR	13	8	61.5	8	100.0	87.5	87.5	87.5	26,941
FURNITURE TECHNICIAN	2 YR	21	11	52.4	6	54.5	66.7	66.7	33.3	26,280
MANUFACTURING TECHN - WOOD PRODUCTS	2 YR	50	47	94.0	32	68.1	84.4	75.0	43.8	20,693
<b>TOTAL</b>		<b>84</b>	<b>66</b>	<b>78.6</b>	<b>46</b>	<b>69.7</b>	<b>82.6</b>	<b>76.1</b>	<b>50.0</b>	<b>22,846</b>

### GEOLOGY/MINING

GEOLOGICAL ENGINEERING TECHNICIAN	2 YR	37	35	94.6	16	45.7	81.3	56.3	31.3	30,093
GEOLOGICAL ENGINEERING TECHNOLOGY	3 YR	26	25	96.2	20	80.0	85.0	85.0	65.0	26,017
GEOLOGICAL ENGINEERING TECHNOLOGY	PD	2	2	100.0	2	100.0	50.0	50.0	50.0	-
MINING AND MINERAL PROCESSING	1 YR	74	36	48.6	33	91.7	54.5	54.5	36.4	37,387
MINING ENGINEERING TECHNICIAN	2 YR	62	56	90.3	28	50.0	82.1	82.1	67.9	48,880
MINING ENGINEERING TECHNOLOGY	3 YR	7	7	100.0	7	100.0	100.0	85.7	71.4	33,960
<b>TOTAL</b>		<b>208</b>	<b>161</b>	<b>77.4</b>	<b>106</b>	<b>65.8</b>	<b>74.5</b>	<b>69.8</b>	<b>51.9</b>	<b>31,747</b>

TABLE A-19 (cont'd)

## TECHNOLOGY PROGRAMS

ENGLISH PROGRAMS										
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	GRADS IN LABOUR FORCE #	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$			
INDUSTRIAL										
2 YR	41	29	70.7	29	100.0	65.5	55.2	24.1	23,086	
3 YR	5	4	80.0	3	75.0	66.7	33.3	33.3	-	
3 YR	24	19	79.2	18	94.7	72.2	66.7	55.6	27,253	
3 YR	6	6	100.0	6	100.0	83.3	83.3	83.3	33,991	
TOTAL	76	58	76.3	56	96.6	69.6	60.7	41.1	27,674	
INSTRUMENTATION										
1 YR	11	8	72.7	8	100.0	100.0	100.0	62.5	-	
2 YR	58	48	82.8	45	93.8	80.0	71.1	46.7	29,600	
3 YR	53	47	88.7	44	93.6	72.7	65.9	52.3	28,763	
TOTAL	122	103	84.4	97	94.2	78.4	71.1	50.5	29,181	
MACHINING										
1 YR	35	13	37.1	7	53.8	100.0	100.0	57.1	18,146	
2 YR	130	86	66.2	76	88.4	78.9	71.1	40.8	21,047	
3 YR	17	16	94.1	10	62.5	60.0	40.0	20.0	27,000	
TOTAL	182	115	63.2	93	80.9	78.5	69.9	39.8	21,056	
MARINE										
3 YR	16	14	87.5	13	92.9	76.9	69.2	69.2	22,834	
3 YR	59	55	93.2	54	98.2	98.1	96.3	94.4	29,659	
3 YR	9	7	77.8	7	100.0	57.1	57.1	42.9	36,152	
1 YR	33	7	21.2	6	85.7	83.3	66.7	33.3	40,964	
TOTAL	117	83	70.9	80	96.4	90.0	86.3	81.3	29,460	
MECHANICAL										
2 YR	46	40	87.0	28	70.0	64.3	60.7	46.4	28,990	
3 YR	15	14	93.3	10	71.4	80.0	70.0	60.0	29,777	
2 YR	53	39	73.6	23	59.0	87.0	78.3	73.9	23,436	
3 YR	16	13	81.3	4	30.8	100.0	75.0	75.0	25,468	
2 YR	7	6	85.7	4	66.7	75.0	50.0	50.0	25,764	
3 YR	41	33	80.5	32	97.0	65.6	50.0	28.1	26,179	
2 YR	71	46	64.8	42	91.3	61.9	50.0	40.5	26,154	
3 YR	255	206	80.8	163	79.1	75.5	71.2	57.7	26,067	
1 YR	12	8	66.7	8	100.0	75.0	75.0	62.5	39,994	
TOTAL	516	405	78.5	314	77.5	72.9	65.6	52.9	26,458	

## TECHNOLOGY PROGRAMS

ENGLISH PROGRAMS**POWER**

STATIONARY ENGINEERING  
STATIONARY ENGINEERING  
STATIONARY ENGINEERING TECHNOLOGY  
**TOTAL**

**RESOURCES**

AQUACULTURE TECHNICIAN  
ENVIRONMENTAL PEST MANAGEMENT  
FISH AND WILDLIFE TECHNICIAN  
FISH AND WILDLIFE TECHNOLOGY  
FOREST MANAGEMENT TECHNOLOGY  
FOREST MANAGEMENT TECHNICIAN  
FORESTRY TECHNOLOGY  
PARKS & FOREST RECREATION TECHNOLOGY  
RESOURCES TECHNICIAN - DRILLING  
RESOURCES/ENVIRONMENTAL TECHNICIAN  
RESOURCES/ENVIRONMENTAL TECHNOLOGY  
**TOTAL**

**TECHNOLOGY MISCELLANEOUS**

FIRE PROTECTION TECHNICIAN  
FIRE PROTECTION TECHNOLOGY  
PACKAGING DESIGN  
**TOTAL**

**WELDING**

WELDING ENGINEERING TECHNICIAN  
WELDING ENGINEERING TECHNOLOGY  
WELDING TECHNIQUES  
**TOTAL**

**TOTAL ENGLISH PROGRAMS**FRENCH PROGRAMS**ARCHITECTURAL**

ARCHITECTURAL TECHNICIAN  
ARCHITECTURAL TECHNOLOGY  
**TOTAL**

DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
1 YR	13	12	92.3	9	75.0	55.6	44.4	22.2	36,990
2 YR	27	19	70.4	17	89.5	82.4	76.5	64.7	32,702
3 YR	1	0	0.0	0	-	-	-	-	-
<b>TOTAL</b>	<b>41</b>	<b>31</b>	<b>75.6</b>	<b>26</b>	<b>83.9</b>	<b>73.1</b>	<b>65.4</b>	<b>50.0</b>	<b>33,655</b>
2 YR	29	27	93.1	25	92.6	80.0	72.0	48.0	23,268
2 YR	19	19	100.0	17	89.5	76.5	76.5	64.7	25,324
2 YR	47	47	100.0	20	42.6	50.0	50.0	20.0	18,866
3 YR	12	12	100.0	10	83.3	80.0	70.0	70.0	23,016
3 YR	7	1	14.3	-	-	-	-	-	-
2 YR	128	120	93.8	78	65.0	66.7	65.4	56.4	26,526
3 YR	8	7	87.5	7	100.0	28.6	28.6	28.6	30,410
3 YR	10	7	70.0	7	100.0	57.1	57.1	57.1	21,618
2 YR	28	25	89.3	21	84.0	81.0	76.2	61.9	31,108
2 YR	59	52	88.1	18	34.6	72.2	55.6	33.3	23,203
3 YR	70	58	82.9	52	89.7	86.5	82.7	71.2	28,160
<b>TOTAL</b>	<b>417</b>	<b>375</b>	<b>89.9</b>	<b>256</b>	<b>68.3</b>	<b>72.3</b>	<b>68.4</b>	<b>55.1</b>	<b>26,338</b>
2 YR	34	23	67.6	21	91.3	71.4	52.4	19.0	25,109
3 YR	11	5	45.5	5	100.0	60.0	60.0	40.0	29,900
3 YR	10	10	100.0	9	90.0	77.8	77.8	66.7	17,106
<b>TOTAL</b>	<b>55</b>	<b>38</b>	<b>69.1</b>	<b>35</b>	<b>92.1</b>	<b>71.4</b>	<b>60.0</b>	<b>34.3</b>	<b>21,906</b>
2 YR	14	12	85.7	12	100.0	58.3	58.3	33.3	29,740
3 YR	1	1	100.0	-	-	-	-	-	-
1 YR	28	24	85.7	22	91.7	68.2	63.6	22.7	23,929
<b>TOTAL</b>	<b>43</b>	<b>37</b>	<b>86.0</b>	<b>35</b>	<b>94.6</b>	<b>65.7</b>	<b>62.9</b>	<b>25.7</b>	<b>26,108</b>
<b>TOTAL ENGLISH PROGRAMS</b>	<b>5,012</b>	<b>3,927</b>	<b>78.4</b>	<b>3,108</b>	<b>79.1</b>	<b>76.4</b>	<b>69.7</b>	<b>53.2</b>	<b>25,732</b>
2 YR	24	24	100.0	11	45.8	81.8	54.5	18.2	18,641
3 YR	14	12	85.7	12	100.0	91.7	91.7	8.3	14,600
<b>TOTAL</b>	<b>38</b>	<b>36</b>	<b>94.7</b>	<b>23</b>	<b>63.9</b>	<b>87.0</b>	<b>73.9</b>	<b>13.0</b>	<b>17,294</b>



TABLE A-19 (cont'd)

## TECHNOLOGY PROGRAMS

		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME JOB %	AVERAGE ANNUAL SALARY \$
<u>FRENCH PROGRAMS</u>										
CHEMICAL/BIOLOGICAL	3 YR	10	9	90.0	9	100.0	66.7	66.7	66.7	25,921
	TOTAL	10	9	90.0	9	100.0	66.7	66.7	66.7	25,921
CIVIL	2 YR	10	9	90.0	4	44.4	100.0	100.0	0.0	-
	TOTAL	10	9	90.0	4	44.4	100.0	100.0	0.0	-
ELECTRONICS	3 YR	1	1	100.0	-	-	-	-	-	-
	2 YR	2	2	100.0	2	100.0	100.0	100.0	50.0	-
	2 YR	17	16	94.1	11	68.8	54.5	54.5	18.2	17,777
	3 YR	15	14	93.3	14	100.0	64.3	64.3	42.9	16,554
	TOTAL	35	33	94.3	28	84.8	64.3	64.3	35.7	19,481
MACHINING	2 YR	7	6	85.7	6	100.0	66.7	66.7	0.0	-
	TOTAL	7	6	85.7	6	100.0	66.7	66.7	0.0	-
MECHANICAL	3 YR	9	9	100.0	9	100.0	100.0	100.0	55.6	16,932
	TOTAL	9	9	100.0	9	100.0	100.0	100.0	55.6	16,932
RESOURCES	2 YR	15	14	93.3	12	85.7	58.3	50.0	8.3	4,484
	TOTAL	15	14	93.3	12	85.7	58.3	50.0	8.3	4,484
<u>TOTAL FRENCH PROGRAMS</u>										
<u>BILINGUAL PROGRAMS</u>										
ELECTRONICS	2 YR	5	5	100.0	2	40.0	0.0	0.0	0.0	-
	TOTAL	5	5	100.0	2	40.0	0.0	0.0	0.0	-
TOTAL BILINGUAL	2 YR	5	5	100.0	2	40.0	0.0	0.0	0.0	-
	TOTAL	5	5	100.0	2	40.0	0.0	0.0	0.0	-
<u>TOTAL TECHNOLOGY PROGRAMS</u>										
		5,141	4,048	78.7	3,201	79.1	76.3	69.7	52.5	25,636

Note: See Appendix F for a list of abbreviations used in this table.



# DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, TECHNOLOGY PROGRAMS, 1991

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	175	7	182	7.8
ECONOMIC SERVICES ADMINISTRATION	137	1	138	5.9
ELECTRIC POWER SYSTEMS INDUSTRY	70	--	70	3.0
GENERAL ADMINISTRATIVE SERVICES	66	1	67	2.9
COMPUTER AND RELATED SERVICES	58	3	61	2.6
DEFENCE SERVICES	57	4	61	2.6
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	58	--	58	2.5
RESIDENTIAL BUILDING AND DEVELOPMENT	52	5	57	2.4
AIR TRANSPORT INDUSTRIES	47	4	51	2.2
FOOD SERVICES	25	21	46	2.0
METAL MINES	39	--	39	1.7
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	37	--	37	1.6
OTHER BUSINESS SERVICES	32	5	37	1.6
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	34	--	34	1.5
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	33	--	33	1.4
FOOD STORES	14	17	31	1.3
INDUSTRIAL CONSTRUCTION (OTHER THAN BUILDINGS)	29	1	30	1.3
SITE WORK	28	--	28	1.2
POST-SECONDARY NON-UNIVERSITY EDUCATION	19	8	27	1.2
PROJECT MANAGEMENT, CONSTRUCTION	27	--	27	1.2
GENERAL MERCHANDISE STORES	14	12	26	1.1
MOTOR VEHICLE INDUSTRY	26	--	26	1.1
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	25	--	25	1.1
SCIENTIFIC AND PROFESSIONAL EQUIPMENT INDUSTRIES	25	--	25	1.1
TELECOMMUNICATION CARRIERS INDUSTRY	25	3	25	1.1
HOSPITALS	21	3	24	1.0
OTHER SERVICES INCIDENTAL TO CONSTRUCTION	24	--	24	1.0
HIGHWAY AND HEAVY CONSTRUCTION	23	--	23	1.0
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	23	--	23	1.0
INTERIOR AND FINISHING WORK	20	1	21	0.9
HUMAN RESOURCE ADMINISTRATION	16	4	20	0.9

TABLE A-20 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
MOTOR VEHICLE REPAIR SHOPS	20	--	20	0.9
SERVICES TO BUILDINGS AND DWELLINGS	17	3	20	0.9
SERVICE INDUSTRIES INCIDENTAL TO AIR TRANSPORT	18	--	18	0.8
HARDWARE, TOOL AND CUTLERY INDUSTRIES	16	--	16	0.7
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	15	1	16	0.7
LUMBER AND BUILDING MATERIALS, WHOLESALE	13	2	15	0.6
PRIMARY STEEL INDUSTRIES	14	1	15	0.6
SASH, DOOR AND OTHER MILLWORK INDUSTRIES	15	--	15	0.6
ELECTRICAL WORK	13	1	14	0.6
PULP AND PAPER INDUSTRIES	13	1	14	0.6
SPORTS AND RECREATION CLUBS AND SERVICES	14	--	14	0.6
ELECTRICAL INDUSTRIAL EQUIPMENT INDUSTRIES	11	2	13	0.6
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	11	2	13	0.6
MEDICAL AND OTHER HEALTH LABORATORIES	12	1	13	0.6
PLUMBING, HEATING AND AIR CONDITIONING, MECHANICAL WORK	13	--	13	0.6
PROTECTIVE SERVICES	13	--	13	0.6
HOTELS, MOTELS AND TOURIST COURTS	9	3	12	0.5
SERVICE INDUSTRIES INCIDENTAL TO CRUDE PETROLEUM AND NATURAL GAS	12	--	12	0.5
AUTOMOBILE DEALERS	11	--	11	0.5
GASOLINE SERVICE STATIONS	7	4	11	0.5
STRUCTURAL AND RELATED WORK	11	--	11	0.5
UNIVERSITY EDUCATION	11	--	11	0.5
ADVERTISING SERVICES	9	1	10	0.4
MACHINE SHOP INDUSTRY	10	--	10	0.4
OTHER RETAIL STORES	9	1	10	0.4
OTHER SERVICES N.E.C.	9	1	10	0.4
<b>SUB-TOTAL</b>	<b>1,602</b>	<b>124</b>	<b>1,726</b>	<b>74.0</b>
<b>OTHER</b>	<b>557</b>	<b>48</b>	<b>605</b>	<b>26.0</b>
<b>TOTAL**</b>	<b>2,159</b>	<b>172</b>	<b>2,331</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-21

# DISTRIBUTION OF EMPLOYMENT BY OCCUPATION, TECHNOLOGY PROGRAMS, 1991

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	282	4	286	12.5
DRAFTING OCCUPATIONS	142	3	145	6.3
ELECTRONIC & RELATED EQUIPMENT INSTALLING AND REPAIRING OCCUPATIONS, N.E.C.	68	5	73	3.2
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	62	--	62	2.7
PHYSICAL SCIENCE TECHNOLOGISTS & TECHNICIANS	53	--	53	2.3
ENGINEER OFFICERS, SHIP	49	--	49	2.1
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, OTHER CONSTRUCTION TRADES	42	3	45	2.0
AIRCRAFT MECHANICS & REPAIRERS	39	2	41	1.8
LIFE SCIENCE TECHNOLOGISTS & TECHNICIANS	41	--	41	1.8
SALES WORKERS, COMMODITIES, N.E.C.	31	6	37	1.6
CARPENTERS & RELATED OCCUPATIONS	33	3	36	1.6
WIRE COMMUNICATIONS & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	33	3	36	1.6
SALES CLERKS, COMMODITIES	22	13	35	1.5
SURVEYORS	32	2	34	1.5
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	28	3	31	1.4
MOTOR-VEHICLE MECHANICS & REPAIRERS	29	1	30	1.3
INDUSTRIAL ENGINEERS	29	--	29	1.3
CHEFS & COOKS	17	11	28	1.2
INSPECTING & TESTING OCCUPATION: FABRICATING, ASSEMBLING, INSTALLING & REPAIRING ELECTRICAL, ELECTRONIC & RELATED EQUIPMENT	28	--	28	1.2
PRECISION-INSTRUMENT MECHANICS & REPAIRERS	28	--	28	1.2
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	24	1	25	1.1
INSPECTING & TESTING OCCUPATIONS, CONSTRUCTION EXCEPT ELECTRICAL	23	--	23	1.0
TELLERS & CASHIERS	13	9	22	1.0
CONSTRUCTION ELECTRICIANS & REPAIR WORKERS	19	2	21	0.9
JANITORS, CHARWORKERS & CLEANERS	17	4	21	0.9

TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	19	2	21	0.9
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	19	1	20	0.9
TOOL & DIE-MAKING OCCUPATIONS	20	--	20	0.9
INSPECTING, TESTING, GRADING & SAMPLING OCCUPATIONS: FOOD, BEVERAGE & RELATED PROCESSING	18	1	19	0.8
OTHER CONSTRUCTION TRADE OCCUPATIONS, N.E.C.	18	1	19	0.8
INDUSTRIAL, FARM & CONSTRUCTION MACHINERY: MECHANICS & REPAIRERS	18	--	18	0.8
TRUCK DRIVER	16	2	18	0.8
MANAGEMENT OCCUPATIONS, CONSTRUCTION OPERATIONS	17	--	17	0.7
SHIPPING & RECEIVING CLERKS	16	1	17	0.7
FOOD & BEVERAGE SERVING OCCUPATIONS	10	6	16	0.7
OTHER SERVICE OCCUPATIONS, N.E.C.	14	2	16	0.7
GUARDS & RELATED SECURITY OCCUPATIONS	9	6	15	0.7
OTHER PRODUCT FABRICATING, ASSEMBLING & REPAIRING OCCUPATIONS, N.E.C.	14	1	15	0.7
STOCK CLERKS & RELATED OCCUPATIONS	10	5	15	0.7
ARCHITECTS & ENGINEERS, N.E.C.	14	--	14	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, N.E.C.	13	1	14	0.6
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	10	4	14	0.6
OTHER OCCUPATIONS IN ARCHITECTURE & ENGINEERING, N.E.C.	14	--	14	0.6
WELDING & FLAME CUTTING OCCUPATIONS	13	1	14	0.6
FABRICATING, ASSEMBLING, INSTALLING & REPAIRING OCCUPATIONS: ELECTRICAL, ELECTRONIC & RELATED EQUIPMENT, N.E.C.	13	--	13	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING, ASSEMBLING & REPAIRING, N.E.C.	12	1	13	0.6
AIR PILOTS, FLIGHT OFFICERS & FLIGHT ENGINEERS	12	--	12	0.5
ELECTRICAL ENGINEERS	12	--	12	0.5
COMMERCIAL TRAVELLERS	10	1	11	0.5
INSPECTING & TESTING OCCUPATIONS: ELECTRICAL POWER, LIGHTING & WIRE COMMUNICATIONS EQUIPMENT, ERECTING, INSTALLING & REPAIRING	11	--	11	0.5
POWER STATION OPERATORS	11	--	11	0.5
PRODUCTION CLERKS	11	--	11	0.5

TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
STATIONARY ENGINE & AUXILIARY EQUIPMENT OPERATING & MAINTAINING OCCUPATIONS				
CIVIL ENGINEERS	10	1	11	0.5
ELECTRICAL & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	10	--	10	0.4
MACHINIST & MACHINE-TOOL SETTING-UP OCCUPATIONS	10	--	10	0.4
MECHANICS & REPAIRERS, EXCEPT ELECTRICAL, N.E.C.	9	1	10	0.4
MEDICAL LABORATORY TECHNOLOGISTS & TECHNICIANS	8	2	10	0.4
OTHER ROCK & SOIL DRILLING OCCUPATIONS	9	1	10	0.4
PRODUCT & INTERIOR DESIGNERS	9	1	10	0.4
SERVICE STATION ATTENDANTS	10	--	10	0.4
	6	4	10	0.4
<b>SUB-TOTAL</b>	<b>1,639</b>	<b>121</b>	<b>1,760</b>	<b>76.7</b>
<b>OTHER</b>	<b>484</b>	<b>50</b>	<b>534</b>	<b>23.3</b>
<b>TOTAL**</b>	<b>2,123</b>	<b>171</b>	<b>2,294</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.





## **Appendix B**

### **SURVEY METHODOLOGY**

#### **A. Scope**

The Graduate Employment Survey on which this report is based includes all the Summer 1990, Fall 1990, and Winter 1991 graduates of full-time postsecondary programs from the 23 Colleges of Applied Arts and Technology in Ontario. In that sense, it is a survey of the entire population and not just a sample.

#### **B. Procedures**

The Graduate Employment Survey is a mail survey conducted by the placement offices of the 23 colleges using a standard questionnaire, which is available in both English and French. The English-language version of the questionnaire follows on pages 111 to 114. The survey is conducted three times a year, once for each graduating class (i.e., summer, fall, and winter terms). The graduates are surveyed six months after graduation. The reference weeks for the surveys are as follows:

Summer Term, 1990:	week of March 3-9, 1991
Fall Term, 1990:	week of July 7-13, 1991
Winter Term, 1991:	week of November 3-9, 1991

Information about the employment status of the 1990-91 graduates was gathered through the survey for the reference weeks, which were approximately six months after graduation. Employment levels change over time; therefore, it is important to keep in mind that the survey findings show only the employment outcomes of college graduates during the reference week.

Each college mailed the questionnaire to all its 1990-91 graduates. College placement staff telephoned graduates who had not responded to the survey, thereby ensuring a higher overall response rate. College staff then coded the questionnaires and sent the information to the Ministry of Education and Training. Ministry staff compiled and consolidated the information from all 23 colleges.

All of the questions on the survey were close-ended and precoded, except question 10 (the type of industry in which the graduate found employment) and question 14 (the type of occupation in which the graduate found employment). In coding occupations, the CCDO (Canadian Classification and Dictionary of Occupations) codes as defined by Canada Employment and Immigration were used; in coding industries, the 1980 SIC (Standard Industrial Classification) codes as defined by Statistics Canada were used. Readers who wish to determine details regarding CCDO codes or SIC, should refer to the relevant material available through Statistics Canada.

### C. Response Rate

Some questionnaires were non-deliverable because some graduates who had moved after graduation could not be located. The response rate was not adjusted for non-deliverable questionnaires, and those questionnaires were considered as non-respondents. Since the Graduate Employment Survey is not a random sample survey but rather a survey of the entire population, statistical methods used in a random sample survey do not generally apply. The assumption of no non-response bias is made, as it is in most socio-economic research.

The overall response rate was 74.2 per cent. The consistent survey methodology and the high overall response rate resulted in reliable data on the employment outcomes of college graduates.

**Response Rate by College**

College	Total Number of Graduates #	Total Responses #	Response Rate %
Algonquin	2,229	1,890	84.8
Cambrian	1,065	890	83.6
Canadore	676	533	78.8
Centennial	1,287	840	65.3
La Cité	606	502	82.8
Conestoga	1,105	961	87.0
Confederation	862	761	88.3
Durham	794	666	83.9
Fanshawe	1,840	1,573	85.5
George Brown	2,014	1,447	71.8
Georgian	1,235	919	74.4
Humber	2,143	1,834	85.6
Lambton	384	285	74.2
Loyalist	785	657	83.7
Mohawk	1,823	1,332	73.1
Niagara	916	701	76.5
Northern	379	319	84.2
Sault	464	353	76.1
Seneca	2,455	820	33.4
Sheridan	1,804	1,625	90.1
S. S. Fleming	1,246	1,142	91.7
St. Clair	1,135	330	29.1
St. Lawrence	1,206	722	59.9
<b>TOTAL</b>	<b>28,453</b>	<b>21,102</b>	<b>74.2</b>



# College Graduate Employment Questionnaire

If a label has been provided, check that the information is correct. If not, please mark the necessary information or changes on the right.  
Do not remove the label.

Name : _____ Address : _____ City/Prov. : _____ Postal Code : _____ Telephone Number: _____	Phone No. : (     ) _____
---	---------------------------

Student Number : \_\_\_\_\_

Name of the Diploma / Certificate Obtained : \_\_\_\_\_

Date Diploma / Certificate Obtained : \_\_\_\_\_

Program Name : \_\_\_\_\_ Non Co-op ☐ Co-op ☐

Program Duration :    1 Year ☐    2 Year ☐    3 Year ☐

## For Office Use Only

College			
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5	6	7	8
A Function = Add			
9			
Student Number			
11			19

## Instructions

Please take a few minutes of your time to complete this questionnaire and return it as soon as possible in the enclosed self-addressed envelope. The data collected through this survey will help your college and others in the province to determine the success of students in the workplace. It is important that you carefully follow the instructions in the questionnaire and answer all the questions applicable to you. If you have any questions while completing this questionnaire you may contact the placement officer of your college at the telephone number given below.

## Freedom of Information and Protection of Privacy Act

In accordance with section 39 (2) of the Freedom of Information and Protection of Privacy Act, this is to advise you that the personal information collected on this form will be used only for statistical purposes, such as the graduate placement reports, by the colleges of applied arts and technology and the Ministry of Colleges and Universities. This information is collected under the legal authority of the Ministry of Colleges and Universities Act R.S.O. 1980, C.272 and regulations. For further information you may contact the placement officer of your college at the address and telephone number given below.

Publié en français sous le titre : Questionnaire sur le placement des diplômés des collèges.

## Part I. Employment Status

Q1. During the week of \_\_\_\_\_ were you :

employed ..... ☐ (Go to **PART II**)

not employed but looking for a job ..... ☐ (Go to **Q4.**)

not employed and not looking for a job ..... ☐ (Go to **Q2.**)

Q2. What was the main reason you were not looking for employment ?  
(check one box only)

further full-time education at college ..... ☐

further full-time education at university ..... ☐

further full-time education at other institution ..... ☐

travel ..... ☐

health ..... ☐

home or family responsibility ..... ☐

other (specify) ..... ☐

Q3. Have you ever looked for employment since graduation ?

Yes ..... ☐ (Continue with **Q4.**)

No ..... ☐ (Go to **Q23.**)

Q4. Have you ever been employed since graduation ?

Yes ..... ☐ (Continue with **Q5.**)

No ..... ☐ (Go to **Q22.**, complete Section A only)

Q5. What was the duration of your first job after graduation ?  
(Please record number of months or weeks)

Months \_\_\_\_\_ or Weeks \_\_\_\_\_

Q6. What was the main reason for leaving your first job after graduation ?  
(Check one box only)

summer job ..... ☐

temporary or contract only ..... ☐

freelance ..... ☐

laid off due to lack of work ..... ☐

job not related to my program of study ..... ☐

poor working conditions ..... ☐

salary was too low ..... ☐

no opportunity for advancement ..... ☐

better job became available ..... ☐

other (specify) ..... ☐

Please continue with Part II.

## Part II. Job Related Information

If you were employed during the week of \_\_\_\_\_, please complete Part II with information about that job. If more than one job was held at the same time, please complete for the job which occupies the most time per week.

If you were not employed during the week of \_\_\_\_\_, but have held at least one job since graduation, please complete Part II with information relevant to your first job after graduation. If more than one job was held at the same time, please complete for the job which occupied the most time per week.

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--	--	--	--	--	--	--	--	--	--

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W 56 Units

57 59 Value

60 Job CCDO 66

Y  
P  
N 67

Q7. Are you providing information for :

→ the job held during the week of ☐  
→ first job held since graduation ☐

Q8. When did you start that job ? (Please record month and year)

Year 19 \_\_\_\_\_ Month \_\_\_\_\_

Q9. Who was your employer ? (If self-employed, please indicate)

Name of Company / Organization \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Postal Code \_\_\_\_\_

Phone No. ( ) Self-employed or freelance : Yes ☐ No ☐

Q10. What type of business, industry or service was this ? (e.g., Daycare Centre, Hospital, Auto Parts Manufacturer, Insurance Company, Engineering Firm, Municipal Government, etc)

\_\_\_\_\_

Q11. How many hours per week did you normally work at your job ? (Do not include overtime)

\_\_\_\_\_ hours per week

If you worked **less than 30 hours per week**, go to Q12

If you worked **30 hours or more per week**, go to Q13

Q12. What was the main reason for working less than 30 hours per week ?  
(please check **one** box only)

full-time work in my field is under 30 hours per week ☐  
could only find part-time work ☐  
personal choice ☐  
own illness or disability ☐  
personal or family responsibilities ☐  
going to school full time ☐  
other (specify) ☐

Q13. Was your job :

permanent (job has no specific termination date) ☐  
temporary (job has a specific termination date) ☐

Duration of time for the temporary job (Please record number of months or weeks)

Months \_\_\_\_\_ or weeks \_\_\_\_\_

Q14. What was your job title and what kind of work were you doing ?  
(e.g., Secretary - type reports, maintain filing system, arrange meetings/travel and direct telephone calls)

Job Title \_\_\_\_\_

Job Duties \_\_\_\_\_

Q15. Were the responsibilities of your job related to your program of study ?

Yes ☐ Partially ☐ No ☐

Q16. What was the minimum educational qualification specified by your employer for your job ? (Please check one box only)

- college diploma / certificate ☐
- university degree ☐
- some post-secondary education ☐
- high school or less ☐
- other (specify) ☐
- not specified ☐
- unknown ☐

Q17. What was your starting salary ? (Fill one box only)

- \$/hour [ ]
- \$/week [ ]
- \$/month [ ]
- \$/year (annual) [ ]

Those currently not employed go to Part III, Q22.

Q18. During the week of \_\_\_\_\_, did you hold more than one job ?

Yes ☐ Continue with Q19. No ☐ Go to Q21.

Q19. How many hours per week did you work at your other job ? \_\_\_\_\_

Q20. Were the responsibilities of your other job related to your program of study ?

Yes ☐ Partially ☐ No ☐

Q21. Are you currently employed but still actively seeking another job ?

Yes ☐ No ☐

Part III Job Search Methods

Q22.	Section A	Section B
Job Search Methods	Which job search methods did you use ? (Check as many as appropriate)	Through which job search method did you find your main job ? (Check one only)
On-Campus Placement Office		
Teacher / Academic Depts		
Co-operative Education		
Internship / Field Placement		
Direct Contact with Employers		
Off-Campus Canada Employment Centre		
Private Employment Centre		
Newspaper, Journal, Media Ads		
Friends / Relatives		
Other (specify) _____		

Q23. Please attach a separate sheet for any comments you wish to make.

Q24. Please provide your signature and the date.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Thank you for your co-operation

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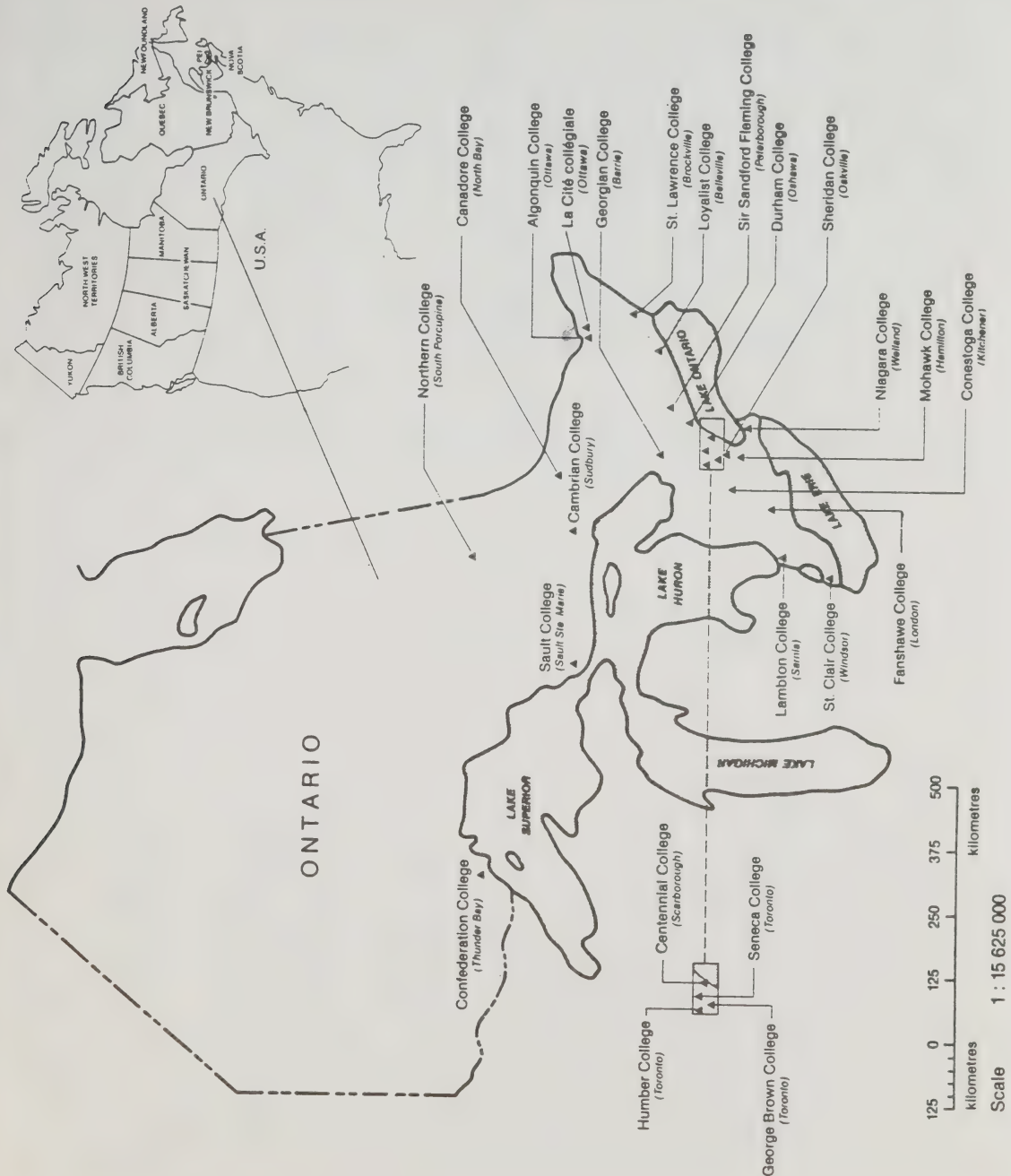
53

A = Checked A only  
B = Checked A + B



# Appendix C

## GEOGRAPHIC LOCATIONS OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY (MAIN CAMPUSES)





LIST OF PROGRAMS BY COLLEGE, 1991-92\*

117

# APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A			A C C C L C C D F G G H L L M N N S S S S S																							
	E	F	B	DUR	P	D																					
BUILDING CONSTRUCTION REGULATIONS ADMIN																											
BUS. ADMIN. – ACCOUNTANT/PRGMR ANALYST	81			3YR																							
BUS. ADMIN. – AUTOMOTIVE MARKETING	82			3YR																							
BUS. ADMIN. – HUMAN RESOURCES MGT	82			3YR																							
BUS. ADMIN. – INFORMATION SYSTEMS	81	84		3YR																							
BUS. ADMINISTRATION – OPERATIONS MGT	82			3YR																							
BUS. ADMINISTRATION – SMALL BUS. MGT	83			3YR																							
BUS. TECHY – INFO./COMMUNICATION SYST.	81			3YR																							
BUSINESS – ACCOUNTING	82		85	2YR																							
BUSINESS – ADVERTISING	81	84		2YR																							
BUSINESS – DISTRIBUTION MANAGEMENT	82			2YR																							
BUSINESS – FINANCE	81			2YR																							
BUSINESS – HUMAN RESOURCES	82			2YR																							
BUSINESS – INFORMATION SYSTEMS	81	84		2YR																							
BUSINESS – MARKETING	82	84		2YR																							
BUSINESS – OFFICE SYSTEMS	83			2YR																							
BUSINESS – PURCHASING	83			2YR																							
BUSINESS – RETAILING	82			2YR																							
BUSINESS – SALES	82			2YR																							
BUSINESS ADMINISTRATION	82	84		3YR																							
BUSINESS ADMINISTRATION – ACCOUNTING	81	84	85	3YR																							
BUSINESS ADMINISTRATION – FINANCE	81	84		3YR																							
BUSINESS ADMINISTRATION – MARKETING	82	84	85	3YR																							
CARPENTRY AND MILLWORK – HERITAGE	99			2YR																							
CERAMICS	72			2YR																							
CERAMICS – ADVANCED	72			3YR																							
CHEF TRAINING	78			1YR																							
CHEMICAL ENGINEERING TECHNICIAN	98			2YR																							
CHEMICAL ENGINEERING TECHNOLOGY	98	102		3YR																							
CHILD AND YOUTH WORKER	65	67	68	3YR																							
CHIROPODY	91			3YR																							
CIVIL AVIATION – AIR TRAFFIC SERVICES	81			3YR																							
CIVIL ENGINEERING TECHNICIAN	98			2YR																							
CIVIL ENGINEERING TECHNOLOGY	98			3YR																							
CLINICAL METHODS IN ORTHOTICS/PROSTH.				P D																							



## APPENDIX D (Cont'd)

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# APPENDIX D (Cont'd)

PROGRAMS	PAGE (S) IN APPENDIX A			DUR	A C C C L C C D F G G H L L M N N S S S S S																									
	E	F	B		L A G M N N C N O B A T I S F H S R R B B T A G T L W L E R L																									
DENTAL TECHNOLOGY	91			3 YR																										
DENTURE THERAPY	91			3 YR																										
DESIGN – URBAN	65			3 YR																										
DESIGN ARTS – INDUSTRIAL	99			3 YR																										
DESIGN ARTS – INDUSTRIAL DESIGN	99			2 YR																										
DEVELOPMENTAL DISABILITIES WORKER	65			PD																										
DEVELOPMENTAL SERVICES WORKER	65	67		2 YR	E	A	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
DRAFTING TECHNICIAN	99			2 YR	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
DRAFTING TECHNIQUES	99			1 YR																										
EARLY CHILDHOOD EDUC. – SPECIAL NEEDS	65			PD																										
EARLY CHILDHOOD EDUC. RESOURCE TEACHER	65			PD																										
EARLY CHILDHOOD EDUCATION	65	67	68	2 YR	E	A	E	E	F	E	E	E	E	E	E	E	E	E	E	E	X	C	E	E	E	E	E	E		
EDUCATIONAL ASSISTANT	65			2 YR																										
EDUCATIONAL ASSISTANT	65			PD																										
EDUCATIONAL RESOURCES & SPECIAL NEEDS	65			2 YR																										
ELECTRICAL ENGINEERING TECHNICIAN	99			2 YR																										
ELECTRICAL ENGINEERING TECHNOLOGY	99			3 YR																										
ELECTRO – MECHANICAL ENGINEERING TECHN	100			2 YR	E	E																								
ELECTRO – MECHANICAL ENGINEERING TECHY	100			3 YR																										
ELECTRONICS ENGINEERING – BIOMEDICAL	99			PD																										
ELECTRONICS ENGINEERING TECHNICIAN	99	102	102	2 YR	E	A	E	E	F	E	E	E	E	E	E	E	E	E	E	E	C	E	E	E	E	E	E	E		
ELECTRONICS ENGINEERING TECHNOLOGY	99	102	102	3 YR	E	A	E	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
ELECTRONICS SERVICING TECHNIQUES	99			1 YR																										
ELECTRONICS TECHN – GENERAL SERVICING	99			2 YR																										
EMPLOYMENT COUNSELLOR	67			3 YR																										
ENVIRONMENTAL PEST MANAGEMENT	101			2 YR																										
EQUINE STUDIES	91			2 YR																										
EQUINE STUDIES – HORSE CARE&EQUINE SKILLS	91			1 YR																										
ESTHETICIAN	72			2 YR																										
FAMILY VIOLENCE – COUNS'R & ADVOCATE	67			2 YR																										
FASHION ARTS	72			3 YR																										
FASHION ARTS – MODELLING AND FASHION	72			2 YR																										
FASHION MERCHANDISING	82			2 YR																										
FASHION MERCHANDISING	82			3 YR																										



## APPENDIX D (Cont'd)

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## APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A				C O U N C I L																									
	E	F	B	DUR	A	L	G	M	N	N	C	I	S	F	H	S	R	R	B	T	A	G	T	L	W	L	E	R	L	
GRAPHIC DESIGN FUNDAMENTALS	72			1 YR																										
GRAPHIC SIGN DESIGN AND PRODUCTION	73			2 YR																										
HEALTH OFFICE ADMINISTRATION	83			P D																										
HEALTH RECORDS ADMINISTRATION	83			2 YR	E																									
HEALTH RECORDS TECHNICIAN	83			1 YR	E																									
HEALTH RECORDS TECHNICIAN	83			2 YR																										
HEATING, AIR COND. & REFRIG. TECHN	100			2 YR	E																									
HEATING, AIR COND. & REFRIG. TECHY	100			3 YR																										
HEAVY EQUIPMENT SPECIALIST	98			P D																										
HEAVY EQUIPMENT TECHNICIAN	98			2 YR																										
HORSE INDUSTRY MANAGEMENT	91			1 YR																										
HORSE INDUSTRY OPERATIONS	78			3 YR																										
HOSPITALITY ADMINISTRATION & SERVICE	78			3 YR																										
HOTEL AND RESTAURANT ADMINISTRATION	78			3 YR																										
HOTEL AND RESTAURANT MANAGEMENT	78	78		2 YR	E	E	C	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
HUMAN RESOURCES MANAGEMENT	82			P D																										
HUMAN SERVICES ADMINISTRATION	67			2 YR																										
HUMAN SERVICES FOUNDATION				1 YR																										
INDUSTRIAL DESIGN	99			3 YR																										
INDUSTRIAL ENGINEERING TECHNICIAN	100			2 YR																										
INDUSTRIAL ENGINEERING TECHNOLOGY	100			3 YR	E																									
INDUSTRIAL ENGINEERING TECHY – MGT	100			3 YR																										
INDUSTRIAL RELATIONS	82			3 YR																										
INFANT AND TODDLER CARE				P D																										
INSTR. FOR BLIND & VISUALLY IMPAIRED				P D																										
INSTRUMENTATION ENG. TECHNIQUES	100			1 YR																										
INSTRUMENTATION ENGINEERING TECHN	100			2 YR	E																									
INSTRUMENTATION ENGINEERING TECHY	100			3 YR																										
INSURANCE	81			2 YR																										
INTERIOR DESIGN	72			2 YR																										
INTERIOR DESIGN	72	74		3 YR	E																									
INTERNATIONAL BUSINESS	82			3 YR																										
INTERNATIONAL BUSINESS MANAGEMENT	82			P D																										
INTERNATIONAL HEALTH SERVICE	95			P D																										
INTERVENOR FOR DEAF – BLIND PERSONS				2 YR																										
INVESTMENT SALES ASSISTANT				1 YR																										

PROGRAMS	PAGE (S) IN APPENDIX A			A C C C L A L A G M N O B A T I S F H S C D F G G H L L M N N S S S S S																							
	E	F	B	DUR																							
JEWELLERY ARTS	72			3 YR																							
JEWELLERY REPAIRS	72			1 YR																							
JOURNALISM – PRINT AND BROADCASTING	73	74		2 YR																							
JOURNALISM – PRINT AND BROADCASTING	73			3 YR																							
LABORATORY ASSISTANT	98			1 YR																							
LANDSCAPE AND HORTICULTURAL TECHN	73	74		2 YR																							
LANDSCAPE AND HORTICULTURAL TECHQS.				1 YR																							
LANDSCAPE AND HORTICULTURAL TECHY	73			3 YR																							
LAW AND SECURITY – BASIC	65			1 YR																							
LAW AND SECURITY ADMINISTRATION	65	67		2 YR																							
LEGAL ADMINISTRATION	81			3 YR																							
LEGAL ASSISTANT	81	84		2 YR																							
LIBRARY AND INFORMATION TECHNICIAN	65	67		2 YR																							
MACHINE SHOP	100			1 YR																							
MANUFACTURING ENGINEERING TECHNICIAN	100			2 YR																							
MANUFACTURING ENGINEERING TECHNOLOGY	100			3 YR																							
MANUFACTURING TECHN – WOOD PRODUCTS	99			2 YR																							
MARINA TECHNIQUES				1 YR																							
MARINA TECHNOLOGY	100			3 YR																							
MARINE ENGINEERING TECHNOLOGY	100			3 YR																							
MARINE TECHNOLOGY – NAVIGATION	100			3 YR																							
MARKETING MANAGEMENT	82			P D																							
MATERIALS MANAGEMENT	83			3 YR																							
MECH. ENG TECHN – TOOL & MACHINE DES'N	100	102		2 YR																							
MECH. ENG TECHY – TOOL & MACHINE DES'N	100			3 YR																							
MECHANICAL ENGINEERING TECHNICIAN	100			2 YR																							
MECHANICAL ENGINEERING TECHNOLOGY	100	102		3 YR																							
MECHANICAL TECHNIQUES	100			1 YR																							
MEDIA ARTS	73			2 YR																							
MEDICAL DIAGNOSTIC – ULTRASONOGRAPHY	91			P D																							
MEDICAL LABORATORY TECHNOLOGY	91			3 YR																							
MEDICAL TRANSCRIPTIONIST – HEALTH RECORDS	83			1 YR																							
MENTAL HEALTH WORKER	67			2 YR																							
METALLURGICAL ENGINEERING TECHNICIAN	98			2 YR																							
METALLURGICAL ENGINEERING TECHNOLOGY	98			3 YR																							
MICROCOMPUTER APPLICATIONS				P D																							



# APPENDIX D (Cont'd)

PROGRAMS	PAGE (S) IN APPENDIX A			A C C C L C C D F G H L L M N N S S S S S																									
	E	F	B	DUR	L	A	G	M	N	C	N	N	S	F	H	S	R	R	B	B	T	A	G	T	L	W	L	E	R
MICROCOMPUTER MANAGEMENT	81			2 YR																									
MINING AND MINERAL PROCESSING	99			1 YR		E																							
MINING ENGINEERING TECHNICIAN	99			2 YR		E																							
MINING ENGINEERING TECHNOLOGY	99			3 YR		E																							
MOTIVE POWER TECHNICIAN	98			2 YR		E																							
MOTIVE POWER TECHNIQUES – HEAVY EQUIP.	98			1 YR						E																		E	
MOTIVE POWER TECHNIQUES – SUPPORT	98			1 YR																									
MOTIVE POWER TECHQS–SMALL POWERED EQUIP	98			1 YR						E																			
MUNICIPAL ADMINISTRATION & ASSESSMENT	82			2 YR																									
MUSEUM TECHNOLOGY	72			3 YR	E																								
MUSIC	74			3 YR		E													E										
MUSIC INDUSTRY ARTS	73			2 YR																									
MUSIC THEATRE – PERFORMANCE	74			3 YR																									
NATIVE CHILD AND FAMILY WORKER	66			3 YR		E				E																			E
NATIVE COMMUNITY WORKER				1 YR																									
NATIVE COMMUNITY WORKER	66			2 YR		E																						E	
NATURAL RESOURCES TECHY – LAW ENFORCE.	65			P D																									
NURSING	95	95	95	3 YR	E	A	C	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
NURSING ASSISTANT	95	95	95	1 YR	E	C	E	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OCCUPATIONAL THERAPY	91			3 YR																									
OFFICE ADMIN. – INFORMATION SYSTEMS	83			2 YR																									
OFFICE ADMIN. – WORD PROCESSING	83			1 YR	E																								
OFFICE ADMIN. – WORD PROCESSING	83			2 YR		E																							
OFFICE ADMINISTRATION – EXECUTIVE	83	84	85	2 YR	E	A	C	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OFFICE ADMINISTRATION – GENERAL	83	84	85	1 YR	E	E	C	E	F	E																			
OFFICE ADMINISTRATION – LEGAL	83			1 YR																									
OFFICE ADMINISTRATION – LEGAL	83			2 YR	E	E	E	E	E																				
OFFICE ADMINISTRATION – MEDICAL	83			1 YR																									
OFFICE ADMINISTRATION – MEDICAL	83	85	85	2 YR	E	A	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OFFICE SYSTEMS ADMINISTRATION	83			3 YR	E	E	E	E		E																			
OPHTHALMIC DISPENSER	91			2 YR																									
ORTHOTIC/PROSTHETIC TECHNICIAN	91			2 YR																									
PACKAGING DESIGN	101			3 YR																									
PACKAGING MANAGEMENT AND TECHNOLOGY				3 YR																									
PARKS & FOREST RECREATION TECHNOLOGY	101			3 YR																									
PARTS MANAGEMENT AND MERCHANDISING	82			1 YR																									
PHARMACY ASSISTANT	91	92		1 YR	E	A																							

PROGRAMS	PAGE(S) IN APPENDIX A																											
	E	F	B	DUR	A	C	C	C	L	C	C	D	F	G	G	H	L	L	M	N	N	S	S	S	S	S	S	S
PHOTOGRAPHY	73	74		2 YR	E																							
PHOTOGRAPHY	73			P D																								
PHOTOJOURNALISM	73			2 YR																								
PHYSIOTHERAPY	91			3 YR																								
PIANO TECHNICIAN				2 YR																								
PRE - HEALTH SCIENCE	66			1 YR																								
PRE - TECHNOLOGY				1 YR																								
PREPARATORY HEALTH SCIENCES	66			1 YR																								
PRINTING TECHNICIAN	73	74		2 YR	E																							
PRINTING TECHNOLOGY	73			3 YR																								
PROPERTY MANAGEMENT	82			2 YR																								
PROTECTIVE SECURITY	65	67		1 YR	E																							
PUBLIC RELATIONS	66			2 YR	E																							
PUBLIC RELATIONS	66			3 YR	E																							
PUBLIC RELATIONS	66			P D																								
PULP AND PAPER ENGINEERING TECHNIQUES				1 YR																								
PULP AND PAPER ENGINEERING TECHNOLOGY	98			3 YR																								
RADIOGRAPHY	91			92 2 YR	C																							
RECORDS AND INFORMATION MANAGEMENT	83			2 YR																								
RECORDS OPERATIONS	83			1 YR	E																							
RECREATION - PARKS OPERATION & SERV.	66			2 YR																								
RECREATION FOR SPECIAL POPULATIONS	66			P D	E																							
RECREATION LEADERSHIP	66	68		2 YR	E																							
RECREATIONAL MARINE MANAGEMENT				2 YR																								
RECREATIONAL MERCHANDISING	82			2 YR																								
REG. NURS. ASST. - PSYCHIATRIC NURSING	95			P D																								
REG. NURSE - CRITICAL CARE NURSING	95			P D																								
REG. NURSING ASST. - OPERATING ROOM	95			P D																								
REGISTERED NURSE - COMMUNITY NURSING				P D																								
REGISTERED NURSE - OPERATING ROOM	95			P D																								
REGISTERED NURSE - REFRESHER				P D																								
REGULATORY LAW ADMINISTRATION	81			P D	E																							
REHABILITATION WORKER	67			2 YR																								
RESOURCES TECHNICIAN - DRILLING	101			2 YR																								
RESOURCES/ENVIRONMENTAL TECHNICIAN	101			2 YR																								
RESOURCES/ENVIRONMENTAL TECHNOLOGY	101			3 YR																								



# APPENDIX D (Cont'd)

PROGRAMS	PAGE (S) IN APPENDIX A			DUR	A C C C L C C D F G G H L L M N N S S S S S																									
	E	F	B		L A A E A G M N N O B A T I S C O O N N S F H S R R B B T A G T L W L E R L																									
RESPIRATORY THERAPY	91	92		3 YR	E																									
RETAIL FLORICULTURE	73			2 YR																										
RETAIL FLORIST	73	74		1 YR	E																									
SAFETY ENGINEERING TECHNOLOGY	100			3 YR																										
SECURITY ALARM TECHNIQUES				1 YR																										
SIGN LANGUAGE COMMUNICATOR	67			2 YR																										
SIGN LANGUAGE INTERPRETER	67			3 YR																										
SKI AREA OPERATIONS				1 YR																										
SKI RESORT OPERATIONS AND MANAGEMENT	66			2 YR																										
SMALL BUSINESS	83			1 YR																										
SMALL BUSINESS – OFFICE AUTOMATION	81			1 YR																										
SMALL BUSINESS MANAGEMENT	83			2 YR																										
SOCIAL SCIENCE RESEARCH	67			2 YR																										
SOCIAL SERVICE WORKER	67	68		2 YR	E	A	E	E	F	E	E																			
SPORTS & ENTERTAINMENT ADMINISTRATION	66			3 YR																										
SPORTS EQUIPMENT SPECIALIST	66			1 YR																										
SPORTS INJURY MANAGEMENT	91			2 YR																										
SPORTS MARKETING	82			P D																										
STATIONARY ENGINEERING	101			1 YR																										
STATIONARY ENGINEERING	101			2 YR	E																									
STERILE SUPPLY PROCESSING				1 YR																										
SURVEY TECHNICIAN	99			2 YR	E																									
SURVEY TECHNOLOGY	99			3 YR	E																									
TEACHER AIDE				2 YR																										
TEACHERS OF ADULTS				1 YR																										
TECHNICAL WRITER	73			3 YR	E																									
TELECOMMUNICATIONS MANAGEMENT	73			P D																										
THEATRE ARTS	74			3 YR																										
THEATRE ARTS – PRODUCTION	74			2 YR																										
TOURISM MANAGEMENT	84			3 YR																										
TRANSPORTATION & DISTRIBUTION ADMIN.	82			3 YR																										
TRANSPORTATION AND DISTRIBUTION	82			2 YR																										
TRAVEL AND TOURISM	84	85		2 YR	E																									
TRAVEL COUNSELLOR				1 YR																										
UNDERWATER SKILLS	100			1 YR																										
URBAN ARBORICULTURE				1 YR																										
VETERINARY TECHNICIAN	91			2 YR																										

PROGRAMS	PAGE(S) IN APPENDIX A		A C C C L C C D F G H L L M N S S S S S																									
	E	F	B	DUR	L	A	C	C	C	L	C	C	D	F	G	H	L	L	M	N	S	S	S	S	S	S	S	S
VETERINARY TECHNOLOGY	91			3 YR																								
VISUAL MERCHANDISING ARTS	72			2 YR																								
WELDING ENGINEERING TECHNICIAN	101			2 YR																								
WELDING ENGINEERING TECHNOLOGY	101			3 YR																								
WELDING TECHNIQUES	101			1 YR																								
WELLNESS AND LIFESTYLE MANAGEMENT				P D																								
WOODWORKING MANUFACTURING MANAGEMENT				P D																								
WORKERS' COMPENSATION CLAIMS MGT	81			P D																								

Codes in Table: E = English F = French B = Bilingual A = English & French C = English & Bilingual PD = Post Diploma

- Note: o Programs in which colleges reported enrolment for funding purposes are included in this appendix. However, since 1991 – 92, colleges may have cancelled some of their existing programs and/or introduced new programs. Readers are advised to contact the individual colleges for up – to – date information on their program offerings.
- o See Appendix F for a list of abbreviations used in this table.



## **Appendix E**

### **CAREER PLANNING AND PLACEMENT OFFICES IN COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

<b>College</b>	<b>Telephone</b>	<b>Fax</b>
Algonquin College 1385 Woodroffe Avenue Nepean, Ontario K2G 1V8	(613) 727-GRAD Ext. 5100	(613) 727-7781
Cambrian College 1400 Barrydowne Road Station A Sudbury, Ontario P3A 3V8	(705) 566-8101 Ext. 7422	(705) 524-7334
Canadore College P. O. Box 5001 100 College Drive North Bay, Ontario P1B 8K9	(705) 474-7600 Ext. 5185	(705) 474-2384
Centennial College Progress Campus P. O. Box 631, Station A 651 Warden Avenue Scarborough, Ontario M1K 5E9	(416) 289-4744 Ext. 2525	(416) 439-3334
La Cité collégiale 2465, Boulevard Saint-Laurent Ottawa, Ontario K1G 5H8	(613) 786-2340	(613) 786-2326
Conestoga College 299 Doon Valley Drive Kitchener, Ontario N2G 4M4	(519) 748-5220 Ext. 219	(519) 748-5971
Confederation College 1450 Nakina Drive P. O. Box 398 Thunder Bay, Ontario P7C 4W1	(807) 475-6152 1-800-465-5005	(807) 623-3956

## **Career Planning and Placement Offices (cont'd)**

<b>College</b>	<b>Telephone</b>	<b>Fax</b>
Durham College Box 385 2000 Simcoe St. N. Oshawa, Ontario L1H 7L7	(416) 721-2000 Ext. 340	(416) 436-9774
Fanshawe College P. O. Box 4005 1460 Oxford Street East London, Ontario N5W 5H1	(519) 452-4294	(519) 659-9393
George Brown College Casa Loma Campus 160 Kendal Avenue Toronto, Ontario M5R 1M3	(416) 944-4584	(416) 944-4643
Georgian College Barrie Campus 1 Georgian Drive Barrie, Ontario L4M 3X9	(705) 722-5154	(705) 722-5155
Humber College 205 Humber College Blvd. Etobicoke, Ontario M9W 5L7	(416) 675-5029	(416) 675-1483
Lambton College Modeland Road Campus 1457 London Road P. O. Box 969 Sarnia, Ontario N7T 7K4	(519) 542-7751 Ext. 313	(519) 542-6667
Loyalist College P. O. Box 4200 Wallbridge Cres-Loyalist Road Belleville, Ontario K8N 5B9	(613) 969-1913 Ext. 244	(613) 962-1376
Mohawk College Fennell Avenue & West 5th P. O. Box 2034 Hamilton, Ontario L8N 3T2	(416) 575-2373	(416) 575-2359



## Career Planning and Placement Offices (cont'd)

College	Telephone	Fax
Niagara College P. O. Box 1005 Woodlawn Road Welland, Ontario L3B 5S2	(416) 735-2211 Ext. 7789	(416) 735-5365
Northern College Highway 101 P. O. Box 2002 South Porcupine, Ontario P0N 1H0	(705) 235-7213 1-800-461-2167	(705) 235-7279
St. Clair College South Campus 2000 Talbot Road West Windsor, Ontario N9A 6S4	(519) 972-2712	(519) 966-2737
St. Lawrence College Brockville Campus 2288 Parkedale Avenue Brockville, Ontario K6V 5X3	(613) 345-0660 Ext. 3190	(613) 345-2231
Sault College P. O. Box 60 443 Northern Avenue Sault Ste. Marie, Ontario P6A 5L3	(705) 759-6713 1-800-461-2265	(705) 759-1319
Seneca College Newnham Campus 1750 Finch Avenue East North York, Ontario M2J 2X5	(416) 491-5050 Ext. 3031	(416) 491-2966
Sheridan College 1430 Trafalgar Road Oakville, Ontario L6H 2L1	(416) 849-9430 Ext. 2650	(416) 815-4037
Sir Sandford Fleming College Frost Campus Box 8000 Lindsay, Ontario K9V 5E6	(705) 743-5610 Ext. 1547	(705) 878-9312



## Appendix F

### ABBREVIATIONS USED IN THE REPORT

I. This section provides a list of abbreviations used in the tables.

Admin.	Administration
Appl.	Applications
Asst.	Assistant
Bus.	Business
Co-ord.	Co-ordinator
Co-op.	Co-operative
Commun.	Community
Compu.	Computer
Cond.	Conditioning
Couns.	Counsellor
Counsg.	Counselling
Des'n	Design
Devel.	Development
Educ.	Education
Enforce.	Enforcement
Eng.	Engineering
Equip.	Equipment
Grads.	Graduates
Info.	Information
Instr.	Instruction
Intro	Introduction
Mgt.	Management
Mech.	Mechanical
Micro.	Microcomputer
Multidisc.	Multidiscipline
N.E.C.	Not Elsewhere Classified
Nurs.	Nursing
P.C.	Post Certificate
P.D.	Post Diploma
Prod.	Production
Prgmr	Programmer
Prosth.	Prosthetics
Refrig.	Refrigeration
Reg.	Registered
Reprod.	Reproduction
Serv.	Services
Spec.	Specialist
Syst.	Systems
Techn.	Technician
Techqs.	Techniques
Techy.	Technology
Telecom.	Telecommunications
Threat.	Threatening

II. This section provides a list of abbreviations for college names.

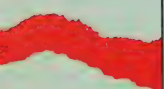
ALGO	Algonquin
CAMB	Cambrian
CANA	Canadore
CENT	Centennial
LACI	La Cité collégiale
CONS	Conestoga
CONF	Confederation
DURH	Durham
FANS	Fanshawe
GRBR	George Brown
GEOR	Georgian
HUMB	Humber
LAMB	Lambton
LOYT	Loyalist
MOHA	Mohawk
NIAG	Niagara
NORT	Northern
STCL	St. Clair
SLAW	St. Lawrence
SAUL	Sault
SENE	Seneca
SHER	Sheridan
SSFL	Sir Sandford Fleming











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# EMPLOYMENT PROFILE



1991-92 GRADUATES OF ONTARIO COLLEGES  
OF APPLIED ARTS AND TECHNOLOGY





# ***EMPLOYMENT PROFILE***

***1991-92 GRADUATES OF ONTARIO COLLEGES***

***OF APPLIED ARTS AND TECHNOLOGY***

*This report provides a snapshot picture of the employment experiences of college graduates six months after graduation. It is based on the Graduate Employment Survey undertaken jointly by the Ministry of Education and Training and the Career Planning and Placement Staff of the Colleges of Applied Arts and Technology in Ontario.*

***Ministry of Education and Training  
September 1993***

*(Ce rapport est également disponible en français.)*

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## FOREWORD

This employment profile of Ontario college graduates summarizes the employment experience of 1991-92 graduates approximately six months after their graduation. The report is based on the findings of the Graduate Employment Survey conducted by the 23 Colleges of Applied Arts and Technology in Ontario during 1992.

The survey provides data on the graduates' employment status, earnings, industry of employment, occupation and on the relationship of the graduates' occupations to their training. It should be noted that the results of the survey apply to a period of only one week, whereas the situation of graduates could well change over time.

The survey results provide useful information for secondary school students who are making career choices and program selections, for counsellors who work with and advise students, and for college administrators who make programming decisions in response to the changing needs of the labour market. They can also serve as a useful tool for employers in their recruitment efforts. Finally, the survey results assist the Ministry of Education and Training in program analysis and policy development.

The co-operation of graduates in responding to the Graduate Employment Survey helped to develop a useful source of labour market information that will facilitate the improvement of training programs and help counsellors, educators, and administrators in their work. The career-planning and placement staff of the individual colleges conducted the survey of their graduates and submitted the data to the Ministry of Education and Training. Ministry staff compiled and consolidated the data from the 23 colleges, and prepared this report.

Queries and comments regarding the report can be sent to:

Grants Administration Branch  
Ministry of Education and Training  
9th Floor, Mowat Block  
900 Bay Street  
Toronto, Ontario  
M7A 1L2



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## HIGHLIGHTS

### Employment Outcomes

- Six months after their graduation, 15,936 or 80 per cent of the 1991-92 postsecondary college graduates who were in the labour force were employed. Of these, 12,091 graduates (60.6 per cent of those in the labour force) were employed in full-time jobs; 3,630 graduates (18.2 per cent) held part-time jobs.

Overall, 9,282 graduates (46.5 per cent of those in the labour force) reported having full-time jobs in their field of study; 2,790 graduates (14.0 per cent) indicated they were in jobs unrelated to their program of study.

- The employment rate for female graduates was 82.5 per cent, while that for males was 75.6 per cent.
- The employment outcomes of college graduates varied, depending on the program area. A comparison of the employment rates and the proportion of graduates in the labour force employed full time in related jobs by program area is given in the following table:

<u>Program Areas</u>	<u>Percentage Employed</u>	<u>Percentage Employed Full Time</u>	<u>Percentage Employed Full Time in Related Jobs</u>
Social Services	82.4	58.3	42.9
Visual and Creative Arts	78.0	59.5	42.3
Hospitality	82.3	68.2	60.9
Office and Business Administration	78.7	64.6	49.1
Health Technology	88.3	64.2	56.8
Nursing and Related	84.5	46.3	41.8
Technology	72.4	65.5	46.6
TOTAL	80.0	60.6	46.5

## **Average Annual Earnings of Graduates**

- In 1992, college graduates reported an average annual starting salary of \$23,603.
- The average annual starting salary for female graduates was \$22,941 and that for males was \$24,731.
- There was a wide variation in the earnings of graduates by program area. Graduates who earned above-average salaries had been enrolled in the following program areas: Health Technology (\$28,419), Nursing and Related (\$28,082), and Technology (\$25,720).

## **Industry Sectors**

- More than half the employed college graduates were working in the Service Industries, which include Health and Social Services Industries (30 per cent), Business Services Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (10 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade sector hired 16 per cent of the employed graduates. It was followed by Manufacturing (9 per cent) and Public Administration (8 per cent).

## **Occupations**

- Almost half the employed college graduates worked in professional support occupations in Medicine and Health (19 per cent), Social Sciences (7 per cent), Natural Sciences and Engineering (6 per cent), Teaching and Related (5 per cent), and Performing Arts, Sports and Recreation (5 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a clerical occupation. About 20 per cent of the employed graduates were engaged in Sales or Service occupations.

## INTRODUCTION

Since its introduction in 1965, Ontario's college system has evolved to include 23 colleges with approximately 90 campuses in 60 cities and towns throughout the province. In addition, the college system provides a continuing presence through regular courses or programs in approximately 300 additional communities. Appendix C (page 121) shows the geographic location of the main campus for each college.

Colleges of Applied Arts and Technology offer a wide range of programs. Their postsecondary programs vary in duration from one to three years, and are aimed at providing education and skills training in the areas of Applied Arts, Business, Health Sciences and Technology to students who have completed their secondary school diploma. Adult training programs are non-postsecondary programs usually less than one year in duration, and are aimed at providing academic upgrading, language training, and vocational skills to adults in the labour force. Students can take both postsecondary and non-postsecondary programs on a full-time or part-time basis. The colleges also provide a range of industrial training programs, such as the in-school portion of apprenticeship training and contract training to individual employers. In addition, they offer continuing education programs covering a wide variety of career-oriented and general interest courses.

This report provides information only on the labour market experience of full-time students who graduated from college postsecondary programs. It looks at the employment experience of the graduates six months after graduation, and hence only paints a picture of transition from school to work. It should be noted that the results of the survey provide only a snapshot of the employment status of graduates during a one week period, whereas the situation of the graduates could well change over time. A brief description of the methodology used to collect information on the labour market experience of college graduates is provided in Appendix B (page 115).

Chapter I summarizes the employment profile of 1991-92 graduates of Colleges of Applied Arts and Technology in Ontario. Chapter II provides information on the employment status and earnings of graduates by program areas at the provincial level. It also identifies the major industry sectors and the types of occupations in which college graduates find employment.



# USER'S GUIDE

## Definitions of Terms

To assist the reader, this section provides definitions of terms presented in the report.

**Reference Weeks:** The weeks in which the Graduate Employment Survey were conducted. (March 1-7, 1992; July 5-11, 1992; November 1-7, 1992)

**Labour Force:** Persons who were employed, or unemployed but looking for work during the reference week.

**Participation Rate:** The labour force expressed as a percentage of the population in the survey.

**Not in the Labour Force:** Persons who, during the reference week, were neither employed nor unemployed. It includes those attending school full time, travelling, or staying home for health reasons or because of family responsibilities.

**Employed:** Persons who, during the reference week, did any work, whether:

- full time or part time
- salaried or self-employed
- permanent or temporary
- related or unrelated to the program of study

**Full-time Employment:** At least 30 hours of work per week, or less than 30 hours per week if that is considered full-time employment in a particular field.

**Part-time Employment:** Less than 30 hours of work per week.

**Employment Rate:** The number of employed persons expressed as a percentage of the labour force.

**Unemployed:** Persons who, during the reference week, were without work but were looking for work.

**Unemployment Rate:** The number of unemployed persons expressed as a percentage of the labour force.

## A Note on the Freedom of Information and Protection of Individual Privacy Act

To maintain adequate confidentiality in light of the Freedom of Information and Protection of Individual Privacy Act, employment information is not presented in this report for categories in which either the total number of graduates or the number in the labour force is equal to one. Salary information is not presented for categories in which fewer than four graduates reported salaries.





## Chapter I

### OVERVIEW OF SURVEY RESULTS

This chapter summarizes the general findings of the Graduate Employment Survey for all respondents who graduated in the 1991-92 academic year. It provides information on the number of graduates, their labour force and employment status, their job start date, the relationship between their jobs and programs of study, and their annual earnings. It also identifies the major industry sectors and the types of occupations in which college graduates found employment.

#### A. Number of Graduates

During the 1991-92 academic year, 30,195 full-time students graduated from postsecondary programs in the 23 Colleges of Applied Arts and Technology in Ontario. Of these, some full-time students had transferred to part-time studies and then graduated. The breakdown by graduating term and the full-time/part-time status at the time of graduation appears below:

##### Total Graduates - Class of 1991-92

<b>Graduating Term</b>	<b>Full-time Status</b>	<b>Part-time Status</b>	<b>Total</b>
Summer 1991	2,621	507	3,128
Fall 1991	1,984	474	2,458
Winter 1992	21,342	3,267	24,609
<b>Total 1991-92</b>	<b>25,947</b>	<b>4,248</b>	<b>30,195</b>

- The Graduate Employment Survey was conducted three times a year, once for each graduating class. The graduates were surveyed six months after graduation. The reference weeks for the surveys were as follows:

<b>Graduating Term</b>	<b>Reference Week</b>
Summer 1991	March 1-7, 1992
Fall 1991	July 5-11, 1992
Winter 1992	November 1-7, 1992

A total of 23,636 graduates responded to the surveys. This represents a response rate of 78.2 per cent. The information on the labour market success of college graduates presented in this report is based on these responses.

### **General Profile of 1991-92 Graduates**

- 18,253 women graduated from the colleges. This represents sixty per cent of the total graduates (30,195). In all divisions, except Technology, female graduates outnumbered male graduates.
- A third of the graduates were from the Applied Arts division. Slightly less than a third were from the Business division. Health Sciences graduates accounted for 18 per cent and Technology graduates for 17 per cent of the total.

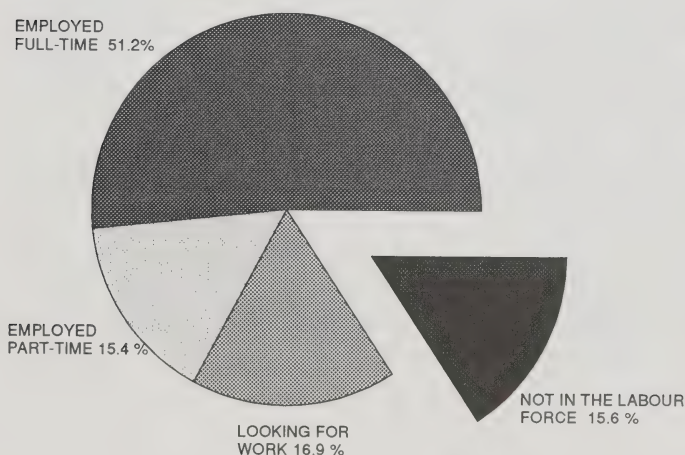
## B. Labour Force Status of Graduates

The labour force status of all graduates who responded to the survey is illustrated in Figure 1.

- Of the 23,636 graduates who responded to the survey, 3,694 graduates (15.6 per cent) were neither working nor looking for work at the time of the survey. Of the 3,694 graduates who were not in the labour force, 2,922 (79.1 per cent) were pursuing their education full time at a college, university, or other postsecondary institution. The others were not in the labour force due to health, family responsibilities, or other reasons.
- Of the 23,636 graduates who responded to the survey, 15,936 (67.4 per cent) were employed at the time of the survey; 12,091 (51.2 per cent) in full-time jobs and 3,630 (15.4 per cent) in part-time jobs. 4,006 graduates (16.9 per cent of the respondents) were looking for work.<sup>1</sup>

FIGURE 1

### LABOUR FORCE STATUS OF COLLEGE GRADUATES\*, 1992



(Values based on 23,636 Respondents.)

- \* Figures do not add up to 100.0 per cent because the data exclude 215 employed graduates (0.9 per cent) whose full-time/part-time status is not known.

*This percentage is not the unemployment rate. It represents the number of unemployed as a percentage of all graduates who responded to the survey, whereas an unemployment rate is the number of unemployed expressed as a percentage of all the graduates in the labour force. The unemployment rate is provided in Table 1. It was 20.0 per cent in 1992.*

## C. Employment Status of Graduates

### Employment

- Six months after graduation, 15,936 of the 19,942 graduates reported being in the labour force were working. They represent 79.9 per cent of the 1991-92 college graduating class as being in the labour force. Of these, 12,091 graduates (60.6 per cent in the labour force), were employed in full-time jobs; 3,630 graduates, (18.2 per cent) held part-time jobs, i.e., they were working less than 30 hours per week.
- Of the 12,304 female graduates in the labour force, 10,161 (or 82.6%) were working, compared to 5,775 of 7,638 male graduates (or 75.6%) who were working.

However, the proportion of female graduates in the labour force in full-time jobs (58.4 per cent) was lower than that for males (64.2 per cent). The proportion of female graduates in the labour force in part-time jobs (23.1 per cent) was more than twice that for males (10.3 per cent).

### Unemployment

- In 1992, 4,006 graduates (20.0 per cent of the total in the labour force) were still looking for work.
- The unemployment rate for female graduates was 17.4 per cent, and that for males, 24.3 per cent.
- Graduates from the Health Sciences division had the lowest unemployment rate (14.0 per cent). The unemployment rates for graduates of programs in other divisions were as follows: Business (21.0 per cent), Applied Arts (19.0 per cent), and Technology (27.6 per cent).

TABLE 1  
LABOUR FORCE STATUS OF COLLEGE GRADUATES,  
BY DIVISION AND GENDER, 1992

	DIVISION AND GENDER														
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
I.	3,412	6,698	10,110	3,085	6,274	9,359	780	4,677	5,457	4,665	604	5,269	11,942	18,253	30,195
II.	2,660	5,260	7,920	2,428	5,043	7,471	549	3,573	4,122	3,634	489	4,123	9,271	14,365	23,636
	77.9%	78.5%	78.3%	78.7%	80.3%	79.6%	70.3%	76.3%	75.5%	77.8%	80.9%	78.2%	77.6%	78.6%	78.3%
III.	2,192	4,349	6,541	2,022	4,211	6,233	522	3,358	3,880	2,902	386	3,288	7,638	12,304	19,942
	83.0%	82.6%	82.5%	83.2%	83.5%	83.4%	95.0%	93.9%	94.1%	79.8%	78.9%	79.7%	82.3%	85.6%	84.3%
IV.															
1. EMPLOYED	1,695	3,603	5,298	1,533	3,391	4,924	456	2,878	3,334	2,091	289	2,380	5,775	10,161	15,936
EMPLOYMENT RATE	77.3%	82.8%	80.9%	75.8%	80.5%	78.9%	87.3%	85.7%	85.9%	72.0%	74.8%	73.3%	73.6%	82.5%	80.0%
A. FULL-TIME	1,332	2,508	3,840	1,339	2,703	4,042	333	1,724	2,057	1,903	249	2,152	4,907	7,184	12,091
B. PART-TIME	331	1,038	1,369	173	682	835	118	1,101	1,219	168	39	207	790	2,840	3,630
C. UNKNOWN STATUS	32	57	89	21	26	47	5	53	58	20	1	21	78	137	215
2. UNEMPLOYED	497	746	1,243	489	820	1,309	66	480	546	811	97	908	1,863	2,143	4,006
UNEMPLOYMENT RATE	22.6%	17.1%	19.0%	24.1%	19.4%	21.0%	12.6%	14.2%	14.0%	27.9%	25.1%	27.6%	24.3%	17.4%	20.0%
V.															
NOT IN THE LABOUR FORCE	468	911	1,379	406	832	1,238	27	215	242	732	103	835	1,633	2,061	3,694
A. FULL-TIME EDUCATION	423	708	1,131	334	581	915	22	107	129	660	87	747	1,439	1,483	2,922
B. OTHER*	42	192	234	67	244	311	5	107	112	65	16	81	179	559	738
C. UNKNOWN	3	11	14	5	7	12	-	1	1	7	-	7	15	19	34

\* "Other" includes travel, health, and family responsibilities.



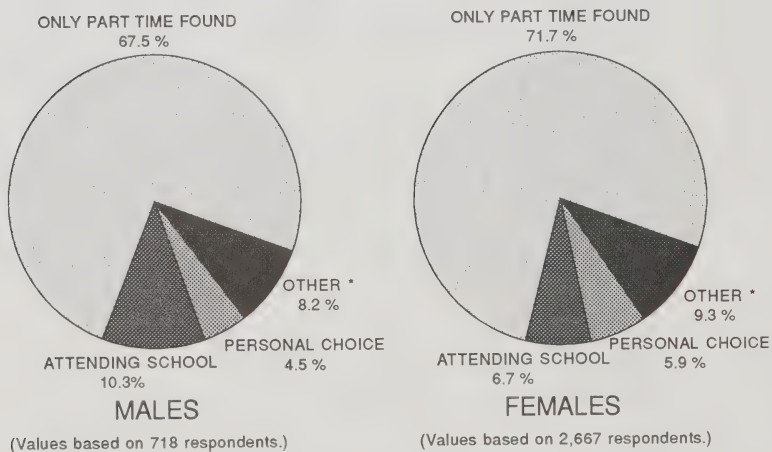
#### D. Reasons for Working Part Time

In 1992, 18.2 per cent of the employed college graduates had a part-time job. The graduates were asked the reasons for working part time, and the results are illustrated in Figure 2.

- More than half of the graduates working part time did so because they could not find full-time jobs. This was the reason given most frequently by both men (67.5 per cent) and women (71.7 per cent).
- Among other reasons cited for working part time, the pattern was different for men and women: 10.3 per cent of the male graduates working part time did so because they were attending school full time, whereas only 6.7 per cent of the female graduates gave this reason for working part time.
- On the other hand, 15.2 per cent of the female graduates either wanted to work part time by choice or had to work part time due to personal and family responsibilities or other reasons. The proportion of male graduates working part time for these reasons was 12.7 per cent.

FIGURE 2

#### REASONS FOR WORKING PART TIME\*, BY GENDER, 1992



\* "Other" includes own illness/disability, family responsibilities, and other reasons.

\* Figures do not add up to 100.0 per cent because the data exclude 256 graduates (7 per cent) whose reason for working part-time is unknown.



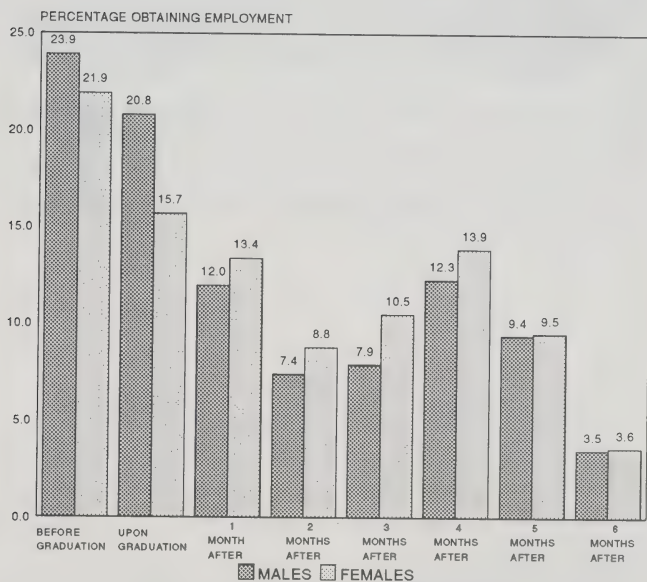
## E. Job Start Date

Graduates were asked to report on when they found employment. A summary of these results is presented in Figure 3.

- Within six months of graduation, 11,772 graduates had found full-time jobs. Of these, 44.7 per cent of the males and 37.6 per cent of the females had secured a full-time job before or upon graduation.

FIGURE 3

### DISTRIBUTION BY START DATE, OF FULL-TIME JOB BY GENDER, 1992



(Figures do not add up to 100 per cent because the data exclude 319 graduates whose job start date is unknown.)

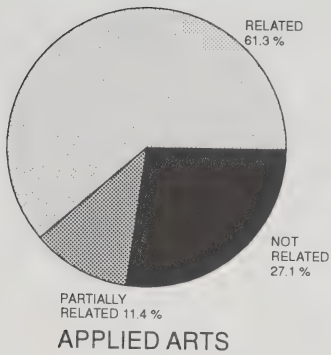
## **F. Relationship Between Job and Program of Study**

The interaction of the job market and the education system is complex. While some programs provide training for specific occupations, graduates from other fields of study can function in a wide range of occupations. In the survey, graduates were asked whether the responsibilities of their jobs were related to their programs of study. The results are presented in Figure 4 and Table 2.

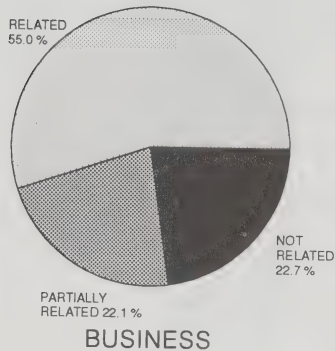
- Graduates who worked full time were more likely than those who worked part-time to have jobs related to their program of study: 61.4 per cent of the graduates employed full time considered the responsibilities of their jobs to be related to their training programs, while another 15.3 per cent considered them to be partially related. Only 23.1 per cent of the graduates held jobs that were not related to their training programs. The proportion of part-time workers in unrelated jobs was 32.2 per cent.
- The proportion of female graduates employed full time in jobs that were related or partially related to their training was 80.8 per cent; the comparable figure for male graduates was 70.8 per cent.
- The proportion of Health Sciences graduates employed full time in jobs that were related or partially related to their training was 89.4 per cent. Comparable figures for graduates from programs in other divisions were: Business (77.1 per cent), Applied Arts (72.7 per cent), and Technology (71.2 per cent).

**FIGURE 4**

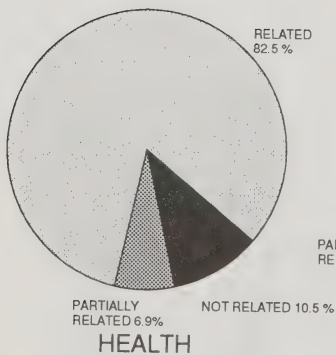
**RELATIONSHIP BETWEEN FULL-TIME JOB AND PROGRAM OF STUDY,  
BY DIVISION, 1992**



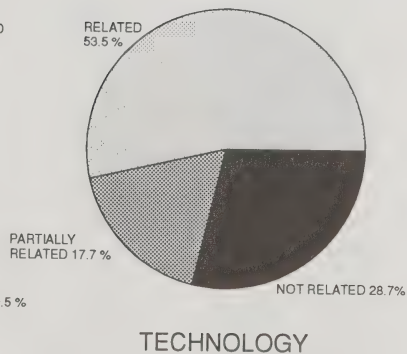
(Values based on 3,833 respondents.)



(Values based on 4,034 respondents.)



(Values based on 2,055 respondents.)



(Values based on 2,152 respondents.)

\* Figures do not add up to 100.0 percent because the data excludes graduates who did not indicate the relationship between their full-time job and program of study.

TABLE 2

**RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY,\*  
BY DIVISION AND GENDER, 1992**

EMPLOYMENT STATUS		RELATIONSHIP TO PROGRAM	DIVISION AND GENDER													
			APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL	
			MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %
FULL-TIME EMPLOYED	RELATED	53.5	65.5	61.3	51.9	56.5	55.0	80.2	83.0	82.5	52.7	60.2	53.5	54.5	66.1	61.4
	PARTIALLY RELATED	11.1	11.6	11.4	22.0	22.2	22.1	3.6	7.5	6.9	18.0	14.9	17.7	16.3	14.7	15.3
	NOT RELATED	35.1	22.8	27.1	25.7	21.2	22.7	16.2	9.3	10.5	29.2	24.9	28.7	29.0	19.0	23.1
	UNKNOWN	0.3	0.1	0.2	0.4	0.1	0.2	--	0.1	0.1	0.1	--	0.1	0.2	0.1	0.2
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER		1,332	2,508	3,840	1,339	2,703	4,042	333	1,724	2,057	1,903	249	2,152	4,907	7,184	12,091
PART-TIME EMPLOYED	RELATED	41.7	56.4	52.8	27.7	31.3	30.5	75.4	75.8	75.8	15.5	12.8	15.0	38.1	57.5	53.3
	PARTIALLY RELATED	14.8	11.9	12.6	19.1	21.0	20.6	9.3	12.6	12.3	11.9	7.7	11.1	14.3	14.3	14.3
	NOT RELATED	42.9	31.4	34.2	52.6	47.4	48.5	15.3	11.4	11.7	72.6	79.5	73.9	47.2	28.0	32.2
	UNKNOWN	0.6	0.3	0.4	0.6	0.3	0.4	--	0.2	0.2	0.2	--	--	0.4	0.2	0.3
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER		331	1,038	1,369	173	662	835	118	1,101	1,219	168	39	207	790	2,840	3,630
TOTAL EMPLOYED**	RELATED	51.1	62.8	59.1	49.1	51.6	50.8	78.9	80.2	80.0	49.6	53.8	50.1	52.3	63.7	59.5
	PARTIALLY RELATED	11.8	11.7	11.7	21.7	21.9	21.9	5.1	9.5	8.9	17.5	13.9	17.1	16.0	14.6	15.1
	NOT RELATED	36.7	25.3	28.9	28.8	26.4	27.1	16.0	10.1	10.9	32.7	32.3	32.7	31.5	21.6	25.2
	UNKNOWN	0.4	0.2	0.2	0.4	0.1	0.2	--	0.1	0.1	0.1	--	0.1	0.2	0.1	0.2
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER		1,663	3,546	5,209	1,512	3,365	4,877	451	2,825	3,276	2,071	288	2,359	5,697	10,024	15,721

## G. Average Annual Earnings of Graduates

The average annual earnings of college graduates working full time in jobs related or partially related to their training programs is presented in Figure 5 and Table 3. It should be noted that the earnings information presented in this report refers only to the average annual starting salary of graduates.

- At the time of the survey, college graduates reported an average annual starting salary of \$23,603.
- The average annual starting salary for female graduates was \$22,941, and that for males was \$24,731.
- College graduates from the Health Sciences division reported the highest average annual salary at \$28,235, which is about 20 per cent above the overall average. The next highest salary was reported by Technology graduates (\$25,720). The average annual salaries for graduates from the Applied Arts and Business divisions were below the provincial average figures.

FIGURE 5

### AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES, BY DIVISION AND GENDER, 1992

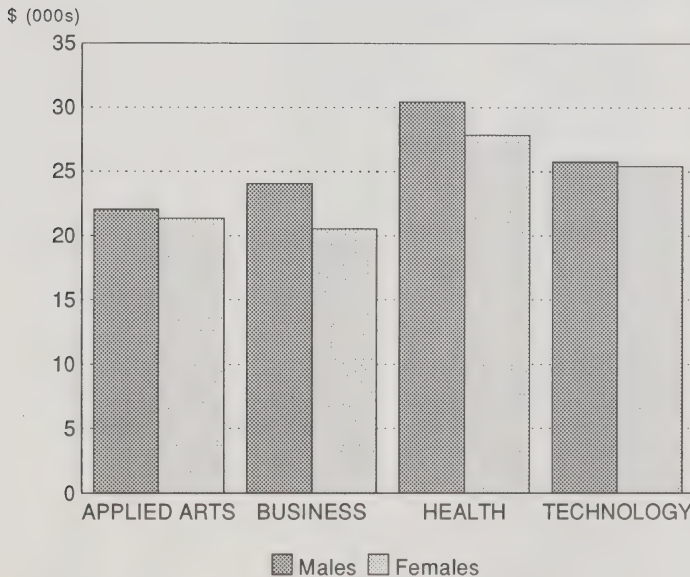




TABLE 3  
AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES,\*  
BY DIVISION AND GENDER, 1992

AVERAGE ANNUAL SALARY RANGE	DIVISION AND GENDER											
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY		
	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
LESS THAN \$10,000	2.0	2.6	2.4	1.6	1.8	1.7	0.4	0.7	0.7	0.7	--	0.6
\$10,000 - \$19,999	39.6	42.0	41.3	27.8	48.0	41.7	4.9	21.0	18.6	20.0	22.7	20.4
\$20,000 - \$29,999	42.2	44.5	43.8	48.4	42.4	44.3	40.5	41.9	41.7	52.0	51.1	51.9
\$30,000 - \$39,999	14.1	9.9	11.2	19.0	6.7	10.5	47.0	27.1	30.0	22.9	25.0	23.2
\$40,000 - \$49,999	1.5	0.8	1.0	2.3	0.8	1.2	6.9	5.6	5.8	3.1	0.6	2.8
\$50,000 AND OVER	0.5	0.2	0.3	1.0	0.3	0.5	0.4	3.7	3.3	1.1	0.6	1.1
TOTAL NUMBER	787	1,794	2,581	885	1,973	2,858	247	1,443	1,690	1,242	176	1,418
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVERAGE SALARY \$	22,059	21,376	21,584	24,058	20,550	21,636	30,485	27,850	28,235	25,760	25,439	25,720
										24,731	22,941	23,603

\* Annual earnings of college graduates refer to average annual starting salaries of graduates employed in full-time jobs related or partially related to their program of study.

\*\* Figures may not add up to 100.0 per cent due to rounding.

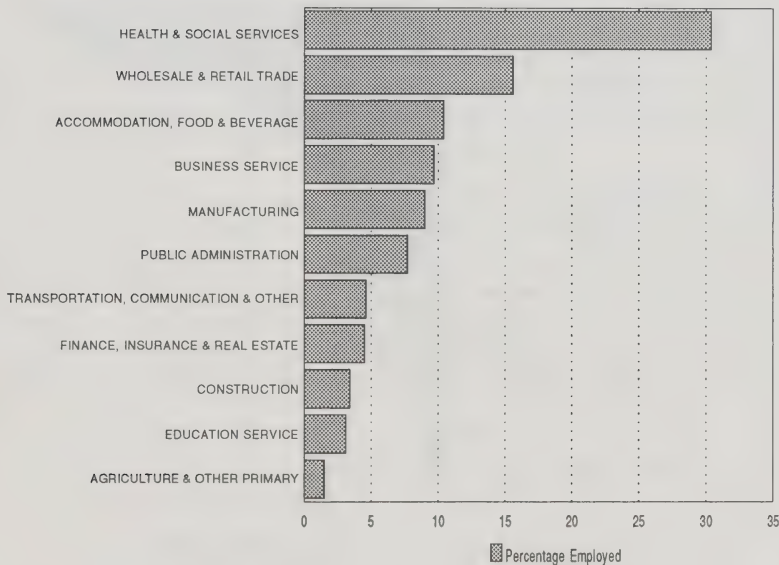


## H. Industry Sectors

This section provides information on the major industry sectors employing college graduates. Graduates were asked to indicate the type of business or service offered by their employers. These responses were coded on the basis of Statistics Canada's 1980 Standard Industrial Classification code (SIC). A summary of these results is presented in Figure 6.

- More than half of the employed graduates were working in the Service Industries, which includes Health and Social Service Industries (30 per cent), Business Service Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (9 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade Sector hired 16 per cent of the employed graduates. It was followed by Manufacturing (9 per cent) and Public Administration (8 per cent).

**FIGURE 6**  
**DISTRIBUTION OF EMPLOYMENT,**  
**BY INDUSTRY SECTORS, 1992**

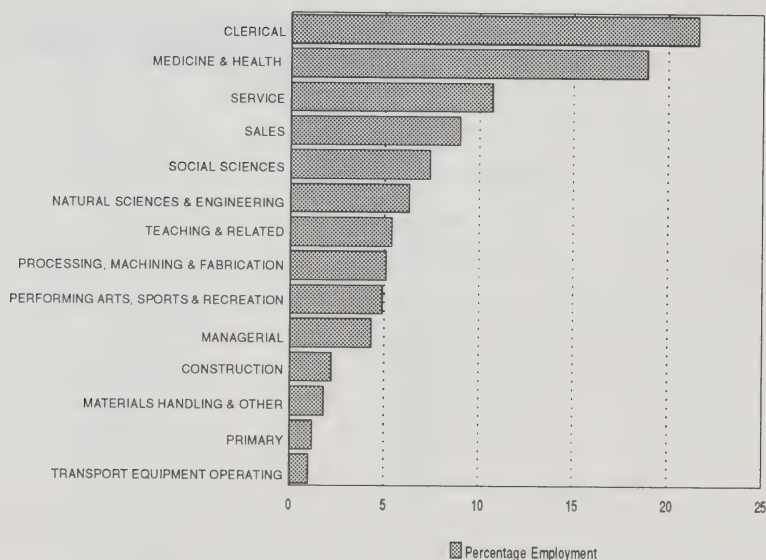


## I. Occupations

It is important to know not only how many graduates were employed but also what kinds of jobs they found. Graduates were asked to provide information on their job titles and the types of work they were doing. Their responses were coded using the CCDO (Canadian Classification and Dictionary of Occupations) Code as defined by the Canada Employment and Immigration Commission. A summary of these responses is presented in Figure 7.

- Just less than half the employed graduates worked in professional support occupations, which include Medicine and Health (19 per cent), Social Sciences (7 per cent), Natural Sciences and Engineering (6 per cent), Teaching and Related (5 per cent), and Performing Arts, Sports and Recreation (5 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a Clerical occupation. About 20 per cent of the employed graduates were engaged in Sales or Service occupations.

FIGURE 7  
DISTRIBUTION OF EMPLOYMENT,  
BY OCCUPATION SECTORS, 1992



## Chapter II

### EMPLOYMENT PROFILES BY PROGRAM AREA

This chapter provides employment profiles by program area. Similar programs in the various colleges are clustered into provincial program categories. These in turn have been grouped into fields and broad occupation groups or program areas. This allows the employment of college graduates' training for similar occupations to be compared. The groupings are as follows:

Division	Program Area
Applied Arts	♦ Social Services ♦ Visual and Creative Arts
Business	♦ Hospitality ♦ Office and Business Administration
Health Sciences	♦ Health Technology ♦ Nursing and Related
Technology	♦ Technology

For each program area, information is presented on the number of graduates, their employment status, the relationship between their jobs and programs of study, and their annual earnings. Details on the major industry sectors and the types of occupations in which college graduates find employment are also provided.

It should be noted that the information presented in this report is at the provincial level and may not reflect regional and local variations in labour markets. Individual colleges also prepare reports based on the employment experience of their graduates. Readers requiring detailed information on specific programs in individual colleges are advised to contact the placement offices in those colleges. Appendix E (page 133) provides the addresses and telephone numbers of the career planning and placement offices of all the colleges. Appendix D (page 123) provides a list of programs with enrolment in 1992-93 by college.

## A. SOCIAL SERVICES PROGRAMS

This section discusses programs in the following fields:

- Child/Youth Worker
- Community Planning
- Developmental Services Worker
- Education
- Law and Security
- Library
- Native Community Worker
- Preparatory/Upgrading
- Public Relations
- Recreation/Fitness
- Social Services

Detailed information on the employment experience of college graduates in the Social Services programs is presented in Table A-1 (pages 65-68).

### *1. Number of Graduates*

During the 1991-92 period, the total number of Social Services graduates was 6,858, or 22.7 per cent of the total number of college graduates in Ontario. Of these, 6,552 graduates were enrolled in English-language programs, 294 were enrolled in French-language programs, and 12 in Bilingual programs.

Almost two-thirds of the graduates in this program area were enrolled in the following three fields:

- Education
- Law and Security
- Social Services

### *2. Employment Status of Graduates*

Six months after graduation, 4,415 Social Services graduates reported that they were in the labour force. 3,638 or 82.4 per cent of the Social Services graduates in the labour force were employed and 777 or 17.6 per cent were looking for work. The employment rate for this group was slightly higher than 80.0 per cent which was the average for all college graduates.

Graduates who had enrolled in the Child/Youth Worker, Community Planning, Developmental Services Worker, and Education fields had employment rates higher than the average for this program area.

**3. Relationship Between Job and Program of Study**

The proportion of Social Services graduates in the labour force employed in full-time jobs related to their program of study was 42.9 per cent as presented in Figure 8 (page 35). The comparable figure for all college graduates was 60.6 per cent.

Among students who had enrolled in Child/Youth Worker and Public Relations programs, about six out of ten graduates in the labour force were employed full-time in jobs related to their fields.

Slightly over half of the graduates in the Education program area found full-time jobs related to their program of study.

**4. Average Annual Earnings of Graduates**

The average annual earnings for Social Services graduates were \$22,190, which is below the average salary for all college graduates (\$23,603). Average annual earnings by programs in the Social Services is presented in Figure 9 (page 35).

In this program area, the highest average annual salary was reported by Community Planning graduates (\$28,900), Public Relations graduates (\$25,094), and Social Services graduates (\$24,885).

The average annual starting salary for Education graduates was less than \$20,000.

**5. Industry Sectors**

The major industry sectors in which Social Services graduates found employment were as follows:

• Health and Social Services	43%
• Public Administration	14%
• Wholesale and Retail Trade	12%
• Accommodation, Food, Beverage, and Other Services	9%
• Education Services	7%
• Other	<u>15%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-2 (pages 69-70). This provides an indication of the types of industries hiring graduates from the Social Services programs. The top five industries are as follows:



- Non-Institutional Social Services
- Other Institutional Health and Social Services
- Other Business Services
- Human Resource Administration
- Food Services

## 6. *Occupations*

Employed graduates from the Social Services area found jobs in the following major occupation groups:

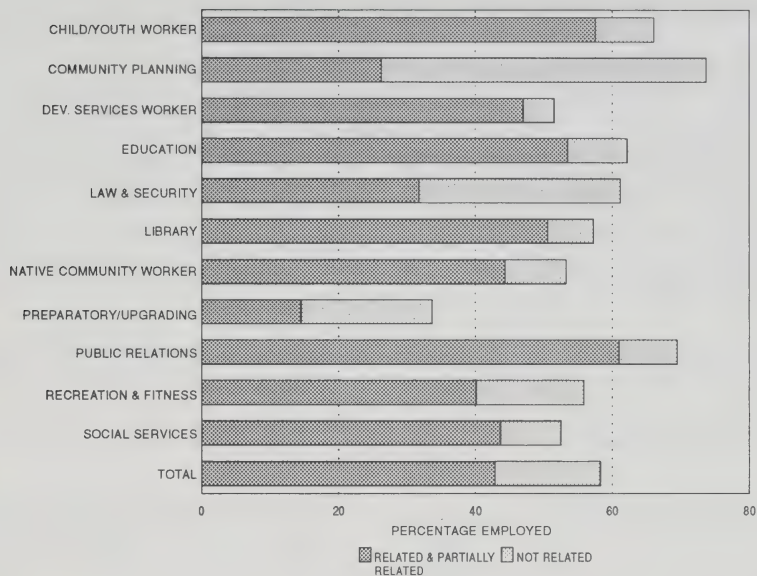
• Social Sciences	26%
• Teaching and Related	21%
• Services	21%
• Clerical	9%
• Other	<u>23%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-3 (pages 71-72). This provides an indication of the types of occupations in which graduates from the Social Services programs can find employment. The most common occupations are as follows:

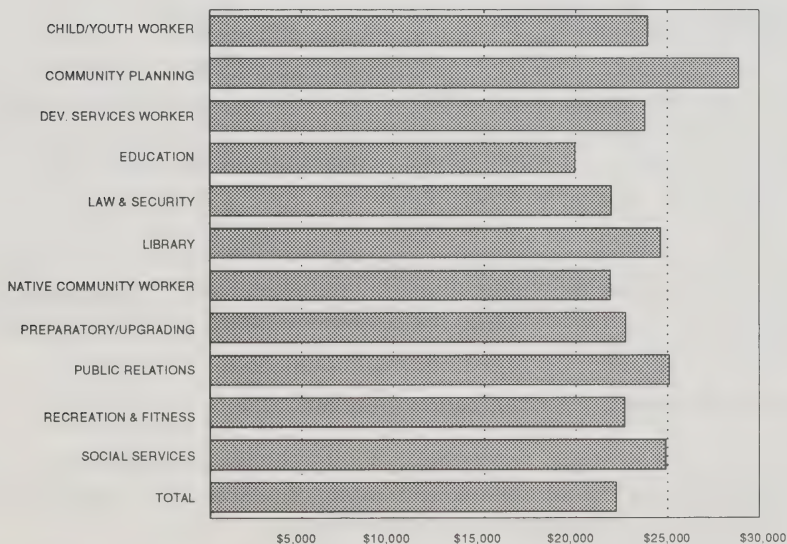
- Elementary and Kindergarten Teachers (Pre-School Teachers and Day-Care Worker Assistants)
- Occupations in Welfare and Community Services
- Guards and Related Security Occupations
- Child-Care Occupations
- Educational and Vocational Counsellors



**FIGURE 8**  
**GRADUATES EMPLOYED FULL TIME,**  
**SOCIAL SERVICES PROGRAMS, 1992**



**FIGURE 9**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**SOCIAL SERVICES PROGRAMS, 1992**



## **B. VISUAL AND CREATIVE ARTS PROGRAMS**

This section discusses programs in the following fields:

- Advertising and Design
- Art
- Crafts
- Fashion
- Graphic Arts/Printing
- Horticulture
- Media
- Performing Arts

Detailed information on the employment experience of college graduates in the Visual and Creative Arts Programs is presented in Table A-4 (pages 74-76).

### ***1. Number of Graduates***

During the 1991-92 period, there were 3,168 graduates from English-language programs and 84 from French programs in the Visual and Creative Arts area for a total of 3,252 graduates. Together, they accounted for 10.8 per cent of the total number of college graduates in Ontario.

Within this area, graduates from programs in the Advertising and Design field accounted for 36.5 per cent of the total. The next largest group was in the Media field which accounted for 36.2 per cent of the total number of graduates in this area.

### ***2. Employment Status of Graduates***

Six months after graduation, 2,126 Visual and Creative Arts graduates reported that they were in the labour force. 1,658 or (78.0 per cent) of the Visual and Creative Arts graduates in the labour force were employed. The unemployment rate for this group was 22.0 per cent, which is higher than the 20.0 per cent average unemployment rate for all college graduates.

There were some exceptions where graduates had employment rates comparable to the employment rate of all college graduates: Advertising and Design (78.9 per cent); Fashion (78.3 per cent); Graphic Arts/Printing (79.4 per cent) and Performing Arts (83.3 per cent).

### ***3. Relationship Between Job and Program of Study***

The proportion of Visual and Creative Arts graduates in the labour force who were employed full time in jobs related to their fields was 42.3 per cent, which is below the average for all college graduates (46.5 per cent).

The proportion of Art graduates in the labour force with full-time jobs related to their program of study was 32.4 per cent, and that for the Crafts graduates was 37.1 per cent. Details on a program-by-program basis are presented in Figure 10 (page 39).

#### 4. *Average Annual Earnings of Graduates*

In 1991, Visual and Creative Arts graduates earned an average annual starting salary of \$20,238, compared with the college-system average of \$23,603.

Average annual earnings by program are presented in Figure 11 (page 39). None of the program groups in Visual and Creative Arts reported above-average starting salaries.

#### 5. *Industry Sectors*

The major industry sectors in which Visual and Creative Arts graduates found employment are as follows:

• Wholesale and Retail Trade	22%
• Manufacturing	18%
• Business Services	17%
• Accommodation, Food and Beverage	16%
• Transportation/Communication	14%
• Other	<u>13%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-5 (page 76). This provides an indication of the types of industries hiring graduates from the Visual and Creative Arts programs. The top six industries are as follows:

- Telecommunication Broadcasting Industries
- Advertising Services
- Combined Publishing and Printing Industries
- Food Services
- Motion Picture, Audio and Video Production and Distribution
- Other Business Services

## 6. Occupations

The major occupation groups in which Visual and Creative Arts graduates found employment are as follows:

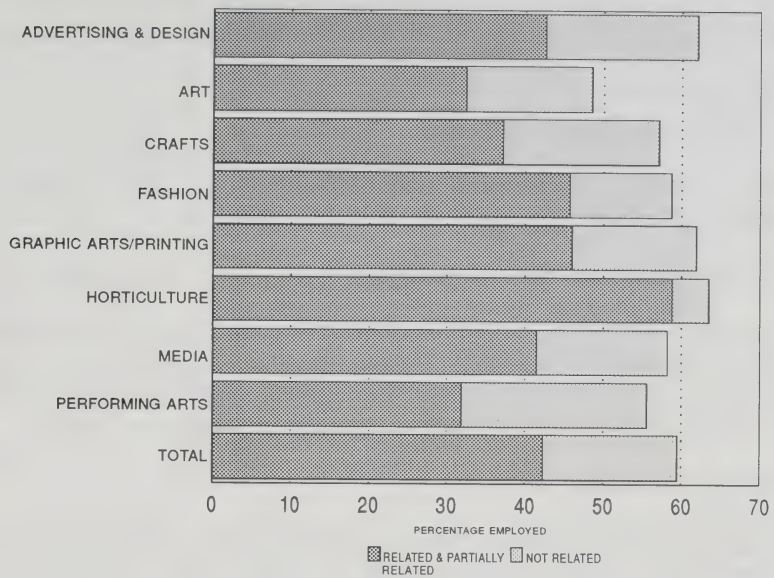
• Performing Arts, Sports and Recreation	40%
• Sales	15%
• Clerical	14%
• Service	8%
• Other	<u>23%</u>
Total	100%

At the more detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-6 (pages 78-79). This provides an indication of the types of occupations in which Visual and Creative Arts graduates can find employment. The most common occupations are as follows:

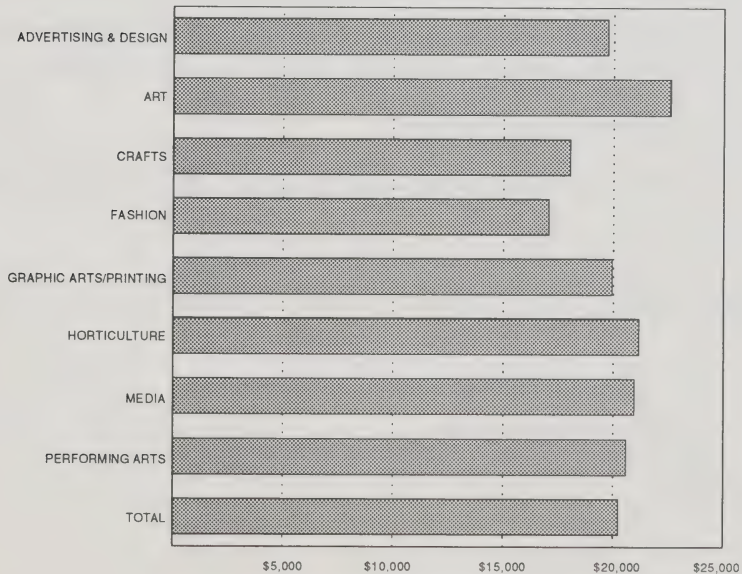
- Advertising and Illustrating Artists
- Writers and Editors, Publication
- Sales Clerks, Commodity
- Product and Interior Designers
- Photographers and Camera Operators



**FIGURE 10**  
**GRADUATES EMPLOYED FULL TIME,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1992**



**FIGURE 11**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1992**



## C. HOSPITALITY PROGRAMS

This section discusses programs in the following fields:

- Culinary Arts
- Hospitality Management

Detailed information on the employment experience of college graduates in the Hospitality Programs is presented in Table A-7 (page 80).

### 1. *Number of Graduates*

During the 1991-92 period, 815 students graduated from the English-language Hospitality programs, another 17 students graduated from the French-language and Bilingual programs for a total of 832 graduates. Together, these graduates accounted for 2.8 per cent of the total number of college graduates in Ontario.

### 2. *Employment Status of Graduates*

Six months after graduation, 491 Hospitality graduates reported that they were in the labour force. Of these graduates, 404 or 82.3 per cent of the Hospitality graduates were working. In 1992, 17.7 per cent of the Hospitality graduates in the labour force were still looking for work, compared with all college graduates, who had an unemployment rate of 20 per cent.

### 3. *Relationship Between Job and Program of Study*

Sixty per cent of the Hospitality graduates employed full time were in jobs that utilized the skills and knowledge acquired during their years of study.

### 4. *Average Annual Earnings of Graduates*

In 1992, the average annual starting salary for Hospitality graduates was \$18,451.

### 5. *Industry Sectors*

The major industry sectors in which Hospitality graduates found employment are as follows:

• Accommodation, Food and Beverage	76%
• Wholesale & Retail Trade	7%
• Other	<u>17%</u>
Total	100%



At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-8 (page 81). This provides an indication of the types of industries hiring graduates from the Hospitality programs. The top two industries are as follows:

- Food Services
- Hotels, Motels and Tourist Courts

6. *Occupations*

The major occupation groups in which Hospitality graduates found employment are as follows:

• Service	66%
• Clerical	21%
• Other	<u>13%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-9 (page 82). This provides an indication of the types of occupations in which Hospitality graduates can find employment. The top four occupations were as follows:

- Supervisors, Food and Beverage Preparation
- Chefs and Cooks
- Food and Beverage Serving Occupations
- Hotel Clerks

## **D. OFFICE AND BUSINESS ADMINISTRATION PROGRAMS**

This section discusses programs in the following fields:

- Accounting Finance
- Aviation Management
- Business Computer
- Business Legal
- Business Management
- Government/Real Estate
- Human Resources/Industrial Relations
- Marketing/Retail Sales
- Materials Management
- Office Administration
- Office Administration - Health
- Office Administration - Legal
- Small Business
- Travel/Tourism

Detailed information on the employment experience of college graduates in the Office and Business Administration programs is presented in Table A-10 (pages 83-87).

### ***1. Number of Graduates***

The largest group of college graduates in the survey was from the Office and Business Administration programs. There were 8,277 graduates from English-language programs, 202 from French-language programs, and 48 from Bilingual programs, for a total of 8,527 or 28 per cent of the total number of college graduates.

Just over two-thirds of the graduates in this area were enrolled in five fields:

- Accounting/Finance
- Business Computer
- Business Management
- Marketing/Retail Sales
- Office Administration

### ***2. Employment Status of Graduates***

Six months after graduation, 5,742 Office and Business Administration graduates reported that they were in the labour force. Of these graduates 4,519 or 78.7 per cent were working. The unemployment rate for this group (21.3 per cent) was slightly higher than the average for all graduates (20 per cent).

Graduates from programs in Aviation Management, Marketing/Retail Sales, Office Administration - Legal, and Travel/Tourism fields had above-average employment rates.

### ***3. Relationship Between Job and Program of Study***

Overall, 49.1 per cent of the Office and Business Administration graduates in the labour force were employed full time in jobs related to their program of study. Their performance compared favourably with that of the rest of the college graduates. Details on a program-by-program basis are presented in Figure 12 (page 45).

Within this program area, fields with more than 50 per cent of the graduates in the labour force employed in full-time jobs related to their training programs were as follows:

- Aviation Management
- Business Computer
- Business Management
- Marketing/Retail Sales
- Office Administration - Legal

Government/Real Estates graduates experienced the lowest employment rate in full-time jobs related to their program of study (21.1%).

### ***4. Average Annual Earnings of Graduates***

Average annual earnings by program are presented in Figure 13 (page 45) Graduates from the Office and Business Administration programs earned \$21,966, which is below the average annual starting salary for all graduates (\$23,603).

In this group, the highest salaries were earned by graduates in Business Computer (\$27,634), followed by Small Business (\$25,475) and Government/Real Estate (\$25,329).

The average annual starting salaries for graduates from the Travel/Tourism field were less than \$20,000.

### ***5. Industry Sectors***

Graduates from the Office and Business Administration area were dispersed over a larger number of industry sectors:

• Wholesale and Retail Trade	24%
• Business Services	16%
• Finance/Insurance and Real Estate	13%
• Manufacturing	9%
• Public Administration	9%
• Accommodation, Food and Beverage	9%
• Health and Social Services	8%
• Other	<u>12%</u>
Total	100%

At the detailed level, industries in which at least ten graduates were employed are listed in descending order of frequency in Table A-11 (pages 88-91). This provides an indication of the types of industries hiring graduates from Office and Business Administration programs. The top five industries are as follows:

- Offices of Lawyers and Notaries
- Food Services
- General Merchandise Stores
- Food Stores
- General Administrative Services

## 6. Occupations

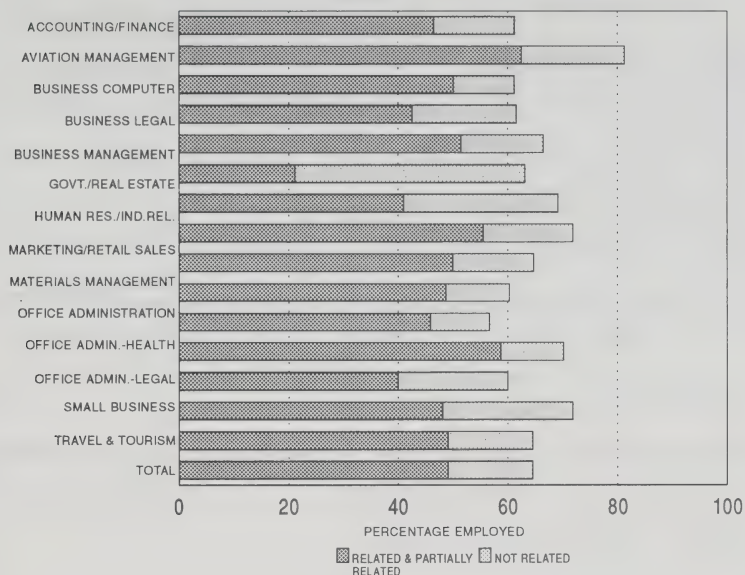
Graduates from the Office and Business Administration programs who were employed found jobs in the following major occupation groups:

• Clerical	55%
• Sales	15%
• Managerial	8%
• Natural Science and Engineering	6%
• Other	<u>16%</u>
Total	100%

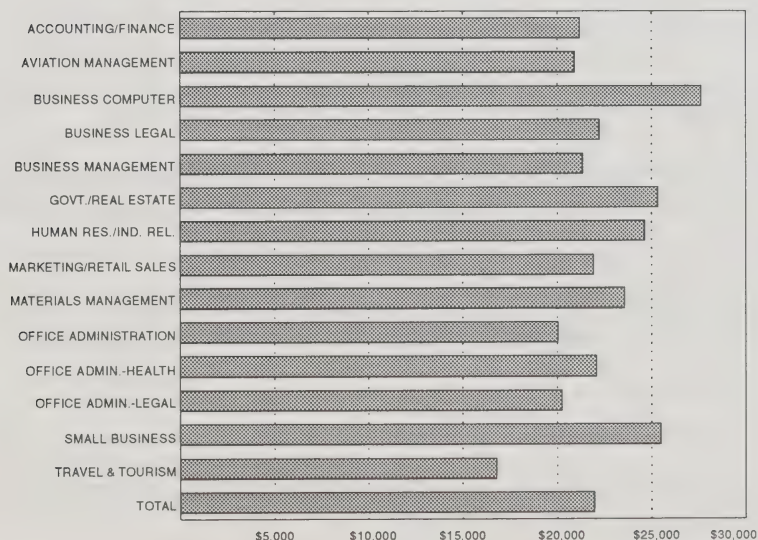
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-12 (pages 92-94). This provides an indication of the types of occupations in which graduates from the Office and Business Administration programs can find employment. The five most common occupations included:

- Secretaries and Stenographers
- Bookkeepers and Accounting Clerks
- Tellers and Cashiers
- Systems Analysts, Computer Programmers, and Related Occupations
- Sales Clerks, Commodities

**FIGURE 12**  
**GRADUATES EMPLOYED FULL TIME,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1992**



**FIGURE 13**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1992**





## E. HEALTH TECHNOLOGY PROGRAMS

This section discusses programs in the following fields:

- Animal Care
- Health Technology, such as:
  - Radiography
  - Medical Laboratory Technology
  - Dental Technology
  - Chiropody
- Health Miscellaneous

Detailed information on the employment experience of college graduates in the Health Technology Programs is presented in Table A-13 (pages 95-96).

### 1. *Number of Graduates*

During the 1991-92 period, 6.9 per cent of the college graduates in Ontario were enrolled in Health Technology programs. 1,962 students graduated from English-language programs, 98 from French-language programs, and 15 from Bilingual programs for a total of 2,075 graduates.

### 2. *Employment Status of Graduates*

Six months after graduation, 1,459 Health Technology graduates reported that they were in the labour force. Of these graduates, 1,288 or 88.3 per cent were employed; only 11.7 per cent were unemployed, compared with the overall unemployment rate for all college graduates of 20 per cent.

### 3. *Relationship Between Job and Program of Study*

On average, 56.8 per cent of the Health Technology graduates in the labour force were employed in full-time jobs related to their program of study.

Specific English language Health Technology programs with more than 80 per cent of the graduates in the labour force employed in full-time jobs related to their studies included:

- Dental Technology
- Funeral Service Education
- Ophthalmic Dispenser
- Physiotherapy
- Respiratory Therapy

Programs in which fewer than 40 per cent of the graduates in the labour force were employed in related full-time jobs include:



- Horse Industry Management
- Ambulance and Emergency Care
- Medical Laboratory Technology

Details on the relationship between the job and graduate's program of study are presented in Figure 14 (page 48).

#### **4. *Average Annual Earnings of Graduates***

Overall, graduates from the Health Technology programs were the highest-paid group and earned an average annual salary of \$28,419. Details regarding earnings for graduates in this program area are presented in Figure 15 (page 48). Some programs within this area commanded much higher salaries. For example, Dental Hygiene graduates earned \$50,805 and Chiropractic graduates earned \$47,029.

#### **5. *Industry Sectors***

Seventy-one per cent of the graduates who were working at the time of the survey were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-14 (page 97). This provides an indication of the types of industries hiring graduates from the Health Technology programs. The top five industries are as follows:

- Offices of Physicians, Surgeons and Dentists, Private Practice
- Hospitals
- Non-Institutional Health Services
- Other Retail Stores
- Funeral Services

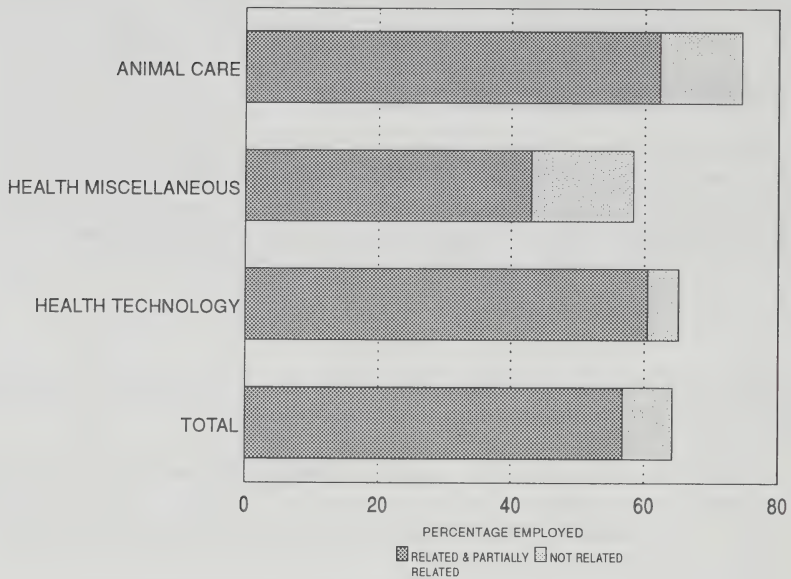
#### **6. *Occupations***

Health Technology graduates were concentrated in the major occupational group of Medicine and Health (77 per cent).

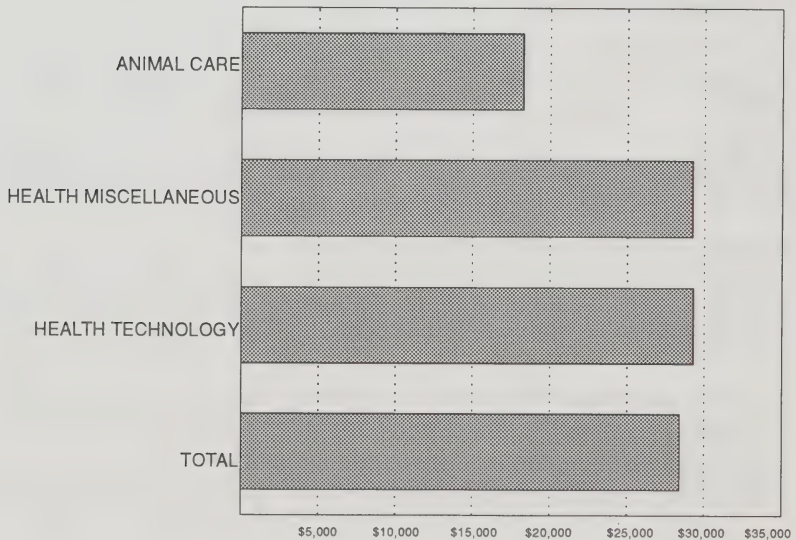
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-15 (page 98). This provides an indication of the types of occupations in which graduates from the Health Technology programs can find employment. The most common occupations include:

- Denturists, Dental Hygienists, and Dental Assistants
- Other Occupations in Medicine and Health, N.E.C.
- Nursing, Therapy, and Related Assisting Occupations
- Medical Laboratory Technologists and Technicians

**FIGURE 14**  
**GRADUATES EMPLOYED FULL TIME,**  
**HEALTH TECHNOLOGY PROGRAMS, 1992**



**FIGURE 15**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**HEALTH TECHNOLOGY PROGRAMS, 1992**



## **F. NURSING AND RELATED PROGRAMS**

This section discusses programs in the following fields:

- Nursing
- Nursing Assistant
- Postdiploma programs in Nursing

Detailed information on the employment experience of college graduates in the Nursing and Related Programs is presented in Table A-16 (page 99).

### ***1. Number of Graduates***

The total number of graduates from Nursing and Related programs in 1991-1992 was 3,382, or 11.2 per cent of the total number of college graduates in Ontario. Of these, 3,261 were in English-language programs, 82 in French-language programs, and 39 in Bilingual programs.

### ***2. Employment Status of Graduates***

Eighty-five per cent of the graduates from Nursing and Related programs were working six months after graduation. This compares with 80 per cent for all college graduates.

### ***3. Relationship Between Job and Program of Study***

On average, 41.8 per cent of the Nursing and Related graduates in the labour force were employed full-time in jobs related to their programs of study, compared with 46.5 per cent for the rest of the graduates.

### ***4. Average Annual Earnings of Graduates***

Graduates of Nursing and Related programs were the second highest-paid group, earning an average annual salary of \$28,082.

### ***5. Industry Sectors***

An overwhelming majority of the graduates from Nursing and Related programs (87 per cent) were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-17 (page 100). This provides an indication of the types of industries hiring graduates from Nursing and Related programs. The five most common industries are as follows:

- Hospitals
- Other Institutional Health and Social Services
- Non-Institutional Health Services
- Offices of Other Health Practitioners
- Professional Membership Associations

## **6. *Occupations***

Almost all the Nursing and Related graduates found jobs in the major occupation group, Medicine and Health.

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-18 (page 101). This provides an indication of the types of occupations in which graduates from the Nursing and Related programs can find employment. The top four occupations are as follows:

- Nurses, Graduate, except Supervisors
- Registered Nursing Assistants
- Nursing Attendants
- Occupations in Welfare and Community Services

## G. TECHNOLOGY PROGRAMS

This section discusses programs in the following fields:

- Architectural
- Automotive
- Aviation - Flight
- Aviation - Maintenance
- Chemical/Biological
- Civil
- Drafting
- Electronics
- Furniture/Wood Products
- Geology/Mining
- Industrial
- Instrumentation
- Machining
- Marine
- Mechanical
- Power
- Resources
- Technology-Miscellaneous
- Welding

Detailed information on the employment experience of college graduates in the Technology Programs is presented in Table A-19 (pages 102-106).

### *1. Number of Graduates*

During the 1991-92 period, the total number of Technology graduates was 5,269, or 17.4 per cent of the total number of college graduates in Ontario. Of these, 5,137 graduates were enrolled in English-language programs, 120 in French-language programs, and 12 in Bilingual programs.

Within this area, almost two-thirds of the graduates were enrolled in programs in the following five fields:

- Electronics
- Civil
- Mechanical
- Architectural
- Resources



## ***2. Employment Status of Graduates***

Six months after graduation, 3,288 Technology graduates reported that they were in the labour force. Of these graduates, 2,380 or 72.4 per cent were working. The average unemployment rate for this group was 27.6 per cent, compared with 20 per cent for all college graduates.

Technology graduates in Marine and Technology-Miscellaneous programs had above-average employment rates.

Technology graduates with an employment rate of less than 70 per cent six months after graduation had been enrolled in the following fields:

- Drafting
- Electronics
- Geology/Mining
- Instrumentation
- Machining
- Welding

## ***3. Relationship Between Job and Program of Study***

Overall, 46.6 per cent of the Technology graduates who were in the labour force were employed in full-time jobs related to their training programs, which was the same percentage for all college graduates. Details on a program-by-program basis are presented in Figure 16 (page 55).

Technology fields with more than 50 per cent of the graduates in the labour force employed in full-time jobs related to their training programs included:

- Chemical/Biological
- Industrial
- Marine
- Mechanical

Technology fields with less than 40 per cent of the graduates in the labour force in full-time related employment were as follows:

- Architectural
- Aviation - Flight
- Aviation - Maintenance
- Drafting
- Geology/Mining
- Instrumentation
- Welding



**4. Average Annual Earnings of Graduates**

Technology graduates were the third-highest-paid group. On average, they earned an annual starting salary of \$25,720. Average annual earnings by program are presented in Figure 17 (page 55).

The highest-paid graduates in the Technology area were those in the Marine Technology program. They earned an annual salary of \$32,373, followed by Power graduates (\$30,241) and Geology/Mining graduates (\$29,284).

The lowest-paid graduates in the Technology area were in the Automotive (\$19,803) and Aviation - Maintenance (\$20,206) fields.

**5. Industry Sectors**

Technology graduates were dispersed over a wide range of industry sectors:

• Manufacturing	26%
• Wholesale and Retail Trade	16%
• Construction	13%
• Business Services	11%
• Public Administration	10%
• Transportation/Communication and Other	9%
• Accommodation, Food, Beverage and Other	6%
• Other	<u>9%</u>
Total	100%

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-20 (pages 107-109). This provides an indication of the types of industries hiring graduates from Technology programs. The top five industries are as follows:

- Architectural, Engineering, and Other Scientific and Technical Services
- Economic Services Administration
- Computer and Related Services
- General Administrative Services
- Food Services

## 6. Occupations

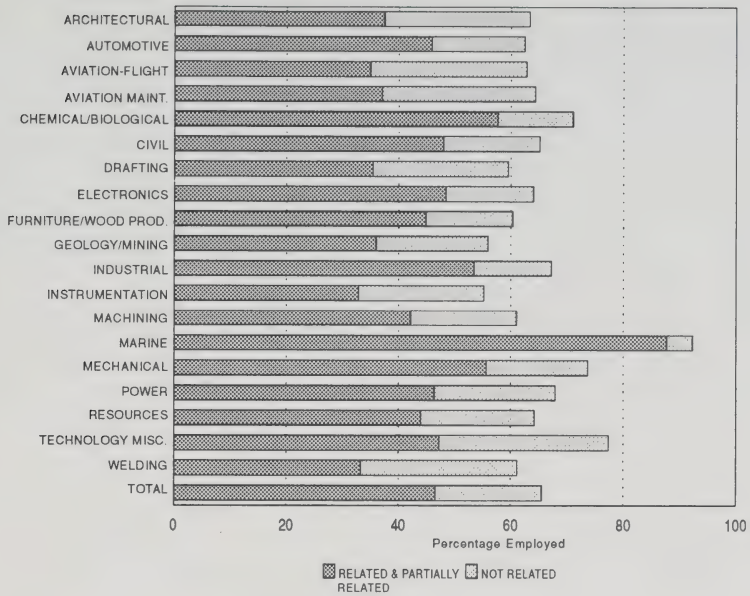
Technology graduates employed in 1991 were working in the following major occupation groups:

• Natural Sciences and Engineering	27%
• Processing/Machining and Fabricating	23%
• Construction	10%
• Sales	8%
• Clerical	8%
• Services	6%
• Other	<u>18%</u>
Total	100%

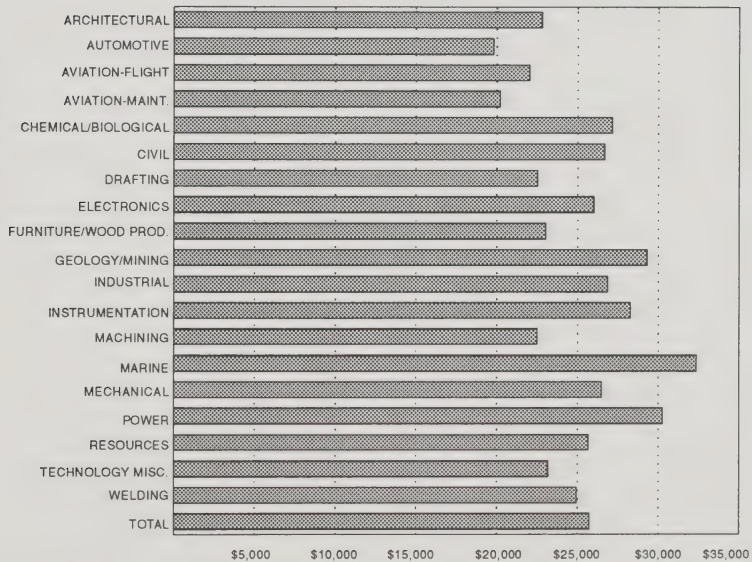
The more detailed occupational breakdown presented in Table A-21 (pages 110-113) indicates that the top five occupations for Technology graduates were as follows:

- Architectural and Engineering Technologists and Technicians
- Drafting Occupations
- Electronic and Related Equipment Installers
- Systems Analysts, Computer Programmers, and Related Occupations
- Physical Science Technologists and Technicians

**FIGURE 16**  
**GRADUATES EMPLOYED FULL TIME,**  
**TECHNOLOGY PROGRAMS, 1992**



**FIGURE 17**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**TECHNOLOGY PROGRAMS, 1992**





## APPENDICES





## **A P P E N D I X   A**

### **T A B L E S   O F   E M P L O Y M E N T   P R O F I L E S   B Y   P R O G R A M   A R E A**



## APPENDIX A

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## EXPLANATION OF TABLES IN APPENDIX A

This section provides an explanation of the tables on employment picture of college graduates by program area presented in Appendix A. As an aid to understanding the tables, an example, using the "Total Graduates" in the survey is provided below.

(1)	(2)		(3)		(4)	(5)	(6)	(7)
Total Grads 1991-92	Total in Survey #	%	Grads in the Labour Force		Percentage Employed	Percentage Employed Full Time	Percentage Employed Full Time in Related Job	Average Annual Salary \$
30,195	23,636	78.3	19,942	84.3	80.0	60.6	46.5	23,603

1. **Total Graduates:** Represents all students (both full-time students and full-time students who transferred to part-time studies and then graduated) who graduated in Summer 1991, Fall 1991, and Winter 1992 and is referred to as the survey population. A questionnaire was mailed to all (30,195) graduates.
2. **Total in the Survey:** Represents the number of graduates who returned completed questionnaires. All survey results are based on this population (23,636). The percentage represents the response rate, that is, the number of graduates who responded as a percentage of the total number of college graduates ( $23,636 \div 30,195 \times 100 = 78.3$ ).
3. **Graduates in the Labour Force:** Represents the number of respondents who were either employed or unemployed during the reference weeks, i.e., March 1-7, 1992, July 5-11, 1992, and November 1-7, 1992 (19,942). The percentage represents the labour force participation rate, that is, the number of graduates in the labour force as a percentage of the total number of respondents ( $19,942 \div 23,636 \times 100 = 84.3\%$ ).
4. **Percentage Employed:** Represents respondents who were employed full time or part time as a percentage of the graduates in the labour force (80.0%). Percentage unemployed therefore is:  $100\% - 80.0\% = 20.0\%$ .
5. **Percentage Employed Full Time:** Represents respondents who were employed in full-time jobs (12,091) as a percentage of the total graduates in the labour force. (i.e.  $12,091 \div 19,942 \times 100 = 60.6\%$ ).
6. **Percentage Employed Full Time in Related Jobs:** Represents the respondents who were employed in full-time jobs related or partially related to their training programs (9,282) as a percentage of graduates in the labour force (i.e.  $9,282 \div 19,942 \times 100 = 46.5\%$ ). This is based on the graduates responses to question 15 in the survey.

7. **Average Annual Salary:** Represents the average annual starting salary of respondents who were employed full time in jobs related or partially related to their training (\$23,603).



# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, SOCIAL SERVICES PROGRAMS, 1992

## ENGLISH PROGRAMS

### **CHILD/YOUTH WORKER**

CHILD AND YOUTH WORKER

CHILD CARE WORKER

### **TOTAL**

### **COMMUNITY PLANNING**

COMMUNITY PLANNING

DESIGN - URBAN

### **TOTAL**

### **DEVELOPMENTAL SERVICES WORKER**

DEVELOPMENTAL DISABILITIES WORKER

DEVELOPMENTAL SERVICES WORKER

### **TOTAL**

## **EDUCATION**

DAY CARE ASSISTANT

EARLY CHILDHOOD EDUC. - SPECIAL NEEDS

EARLY CHILDHOOD EDUCATION

EDUCATIONAL ASSISTANT

EDUCATIONAL ASSISTANT

EDUCATIONAL RESOURCES & SPECIAL NEEDS

TEACHER AIDE

### **TOTAL**

## **LAW AND SECURITY**

CORRECTIONAL WORKER

LAW AND SECURITY - BASIC

LAW AND SECURITY ADMINISTRATION

NATURAL RESOURCES TECHY - LAW ENFORCE.

PROTECTIVE SECURITY

SECURITY ALARM TECHNIQUES

### **TOTAL**

## **LIBRARY**

LIBRARY AND INFORMATION TECHNICIAN

### **TOTAL**

DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED FULL TIME JOB %	AVERAGE ANNUAL SALARY \$
3 YR	293	238	81.2	212	89.1	91.0	66.0	57.5	24,012
2 YR	1	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>294</b>	<b>239</b>	<b>81.3</b>	<b>213</b>	<b>89.1</b>	<b>91.1</b>	<b>66.2</b>	<b>57.7</b>	<b>23,888</b>
2 YR	14	12	85.7	10	83.3	70.0	70.0	10.0	37,500
3 YR	12	10	83.3	9	90.0	100.0	77.8	44.4	26,750
<b>TOTAL</b>	<b>26</b>	<b>22</b>	<b>84.6</b>	<b>19</b>	<b>86.4</b>	<b>84.2</b>	<b>73.7</b>	<b>26.3</b>	<b>28,900</b>
PD	12	9	75.0	8	88.9	87.5	62.5	62.5	22,817
2 YR	395	276	69.9	250	90.6	88.0	52.0	48.0	23,735
<b>TOTAL</b>	<b>407</b>	<b>285</b>	<b>70.0</b>	<b>258</b>	<b>90.5</b>	<b>88.0</b>	<b>52.3</b>	<b>48.4</b>	<b>23,695</b>
1 YR	40	35	87.5	16	45.7	81.3	31.3	25.0	18,121
PD	21	21	100.0	20	95.2	100.0	80.0	75.0	23,298
2 YR	1,473	1,179	80.0	1,009	85.6	86.9	63.7	55.3	19,765
2 YR	55	53	96.4	50	94.3	64.0	34.0	18.0	23,742
PD	40	39	97.5	26	66.7	96.2	57.7	42.3	16,667
2 YR	28	26	92.9	25	96.2	100.0	56.0	52.0	24,851
2 YR	19	18	94.7	18	100.0	72.2	33.3	16.7	15,530
<b>TOTAL</b>	<b>1,676</b>	<b>1,371</b>	<b>81.8</b>	<b>1,164</b>	<b>84.9</b>	<b>86.3</b>	<b>61.5</b>	<b>52.7</b>	<b>19,928</b>
2 YR	206	178	86.4	156	87.6	84.0	56.4	30.8	25,621
1 YR	16	16	100.0	6	37.5	66.7	50.0	16.7	25,029
2 YR	1,423	1,104	77.6	962	87.1	82.5	61.4	31.8	21,678
PD	20	19	95.0	18	94.7	61.1	61.1	38.9	21,215
1 YR	17	12	70.6	8	66.7	87.5	62.5	25.0	28,157
1 YR	1	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,683</b>	<b>1,330</b>	<b>79.0</b>	<b>1,150</b>	<b>86.5</b>	<b>82.3</b>	<b>60.7</b>	<b>31.7</b>	<b>22,249</b>
2 YR	97	92	94.8	84	91.3	81.0	58.3	51.2	24,536
<b>TOTAL</b>	<b>97</b>	<b>92</b>	<b>94.8</b>	<b>84</b>	<b>91.3</b>	<b>81.0</b>	<b>58.3</b>	<b>51.2</b>	<b>24,536</b>

TABLE A-1 (cont'd)

## SOCIAL SERVICES PROGRAMS

ENGLISH PROGRAMS

## NATIVE COMMUNITY WORKER

BAND MANAGEMENT

NATIVE CHILD AND FAMILY WORKER

NATIVE COMMUNITY WORKER

## TOTAL

## PREPARATORY/UPGRADING

COLLEGE VOCATIONAL

COLLEGE VOCATIONAL

COLLEGE VOCATIONAL

GENERAL ARTS AND SCIENCE

GENERAL VOCATIONAL PREPARATION

HUMAN SERVICES FOUNDATION

PRE-HEALTH SCIENCE

PRE-TECHNOLOGY

PREPARATORY HEALTH SCIENCES

## TOTAL

## PUBLIC RELATIONS

PUBLIC RELATIONS

PUBLIC RELATIONS

PUBLIC RELATIONS

## TOTAL

## RECREATION/FITNESS

COACHING TECHNIQUES

COACHING TECHNIQUES

FITNESS AND HEALTH PROMOTION

FITNESS MANAGEMENT

RECREATION - PARKS OPERATION &amp; SERV.

RECREATION FOR SPECIAL POPULATIONS

RECREATION LEADERSHIP

SKI AREA OPERATIONS

SKI RESORT OPERATIONS AND MANAGEMENT

SPORTS &amp; ENTERTAINMENT ADMINISTRATION

SPORTS EQUIPMENT SPECIALIST

WELLNESS AND LIFESTYLE MANAGEMENT

## TOTAL

DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
2 YR	4	2	50.0	2	100.0	50.0	50.0	50.0	-
3 YR	9	8	88.9	8	100.0	100.0	87.5	75.0	25,379
2 YR	58	40	69.0	35	87.5	77.1	45.7	37.1	19,910
	71	50	70.4	45	90.0	80.0	53.3	44.4	21,893
1 YR	91	50	54.9	33	66.0	39.4	9.1	3.0	9,933
2 YR	13	11	84.6	9	81.8	33.3	22.2	22.2	7,800
3 YR	4	4	100.0	3	75.0	0.0	0.0	0.0	-
2 YR	304	246	80.9	113	45.9	76.1	38.9	21.2	24,586
1 YR	21	7	33.3	1	-	-	-	-	-
1 YR	57	53	93.0	16	30.2	87.5	50.0	0.0	-
1 YR	34	0	0.0	0	-	-	-	-	-
1 YR	21	21	100.0	6	28.6	83.3	33.3	16.7	12,775
1 YR	65	61	93.8	6	9.8	83.3	50.0	0.0	-
	610	453	74.3	187	41.3	67.9	33.7	15.0	22,705
2 YR	32	24	75.0	20	83.3	70.0	45.0	40.0	23,921
3 YR	26	21	80.8	17	81.0	82.4	76.5	64.7	24,331
PD	92	60	65.2	59	98.3	86.4	74.6	69.5	25,826
	150	105	70.0	96	91.4	82.3	68.8	62.5	25,279
1 YR	1	-	-	-	-	-	-	-	-
2 YR	17	6	35.3	5	83.3	100.0	60.0	60.0	32,000
2 YR	33	26	78.8	18	69.2	33.3	55.6	33.3	26,379
3 YR	7	7	100.0	7	100.0	57.1	42.9	42.9	27,127
2 YR	89	44	49.4	36	81.8	75.0	72.2	58.3	21,125
PD	27	16	59.3	14	87.5	64.3	42.9	35.7	22,022
2 YR	391	333	85.2	288	86.5	83.3	53.1	37.2	22,685
1 YR	2	2	100.0	2	100.0	100.0	100.0	50.0	-
2 YR	6	5	83.3	5	100.0	80.0	80.0	60.0	28,679
3 YR	10	7	70.0	5	71.4	80.0	60.0	60.0	21,716
1 YR	9	6	66.7	5	83.3	60.0	60.0	20.0	18,000
PD	1	1	100.0	1	-	-	-	-	-
	593	453	76.4	386	85.2	81.3	55.4	39.9	22,831

SOCIAL SERVICES PROGRAMS

ENGLISH PROGRAMS									
DURATION	#	#	%	#	%	%	%	%	\$
SOCIAL SERVICES									
2 YR	33	19	57.6	18	94.7	77.8	55.6	50.0	23,544
PD	22	14	63.6	11	78.6	81.8	54.5	41.5	23,860
APPLIED SOCIAL RESEARCHER	96	64	66.7	53	82.8	73.6	47.2	41.5	24,829
BEHAVIOURAL SCIENCE TECHNICIAN	19	17	89.5	16	94.1	93.8	62.5	56.3	27,435
BEHAVIOURAL SCIENCE TECHNOLOGY	42	22	52.4	16	72.7	56.3	43.8	72.7	26,908
COMMUNITY WORKER	8	8	100.0	7	87.5	100.0	85.7	71.4	25,899
EMPLOYMENT COUNSELLOR	18	6	33.3	6	100.0	16.7	16.7	16.7	29,500
FAMILY VIOLENCE - COUNS'R & ADVOCATE	19	16	84.2	10	62.5	70.0	60.0	50.0	22,229
HUMAN SERVICES ADMINISTRATION	12	10	83.3	4	40.0	50.0	25.0	25.0	22,109
MENTAL HEALTH WORKER	13	12	92.3	9	75.0	77.8	66.7	33.3	28,858
REHABILITATION WORKER	31	12	38.7	9	75.0	88.9	66.7	55.6	18,856
SIGN LANGUAGE COMMUNICATOR	25	13	52.0	12	92.3	83.3	75.0	75.0	22,646
SIGN LANGUAGE INTERPRETER	16	15	93.8	14	93.3	85.7	57.1	35.7	38,396
SOCIAL SCIENCE RESEARCH	591	500	84.6	415	83.0	74.9	51.6	42.9	24,698
SOCIAL SERVICE WORKER	945	728	77.0	600	82.4	75.2	52.5	44.0	24,882
TOTAL	6,552	5,128	78.3	4,202	81.9	82.4	57.9	42.8	22,267
TOTAL ENGLISH PROGRAMS									

FRENCH PROGRAMS

<b>CHILD/YOUTH WORKER</b>							
CHILD AND YOUTH WORKER	25	24	22	96.0	91.7	86.4	24,178
TOTAL	25	24	22	96.0	91.7	86.4	24,178
<b>DEVELOPMENTAL SERVICES WORKER</b>							
DEVELOPMENTAL SERVICES WORKER	15	12	12	80.0	100.0	75.0	32,677
TOTAL	15	12	12	80.0	100.0	75.0	32,677
<b>EDUCATION</b>							
EARLY CHILDHOOD EDUCATION	45	39	35	86.7	89.7	97.1	19,734
TOTAL	45	39	35	86.7	89.7	97.1	19,734
<b>LAW AND SECURITY</b>							
CORRECTIONAL WORKER	31	24	24	77.4	100.0	83.3	21,049
LAW AND SECURITY ADMINISTRATION	65	52	43	80.0	82.7	81.4	16,936
PROTECTIVE SECURITY	26	18	12	69.2	66.7	83.3	16,812
TOTAL	122	94	79	77.0	84.0	82.3	17,818
<b>LIBRARY</b>							
LIBRARY AND INFORMATION TECHNICIAN	6	6	5	100.0	83.3	40.0	26,073
TOTAL	6	6	5	100.0	83.3	40.0	26,073

TABLE A-1 (cont'd)

SOCIAL SERVICES PROGRAMS

PERCENTAGE EMPLOYED IN RELATED JOB										
PERCENTAGE EMPLOYED FULL TIME										
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Note: See Appendix F for a list of abbreviations used in this table.

# DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, SOCIAL SERVICES PROGRAMS, 1992

INDUSTRY *	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NON-INSTITUTIONAL SOCIAL SERVICES	684	204	888	26.0
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	230	131	361	10.6
OTHER BUSINESS SERVICES	155	30	185	5.4
HUMAN RESOURCE ADMINISTRATION	108	58	166	4.9
FOOD SERVICES	76	59	135	4.0
PROTECTIVE SERVICES	101	29	130	3.8
ELEMENTARY AND SECONDARY EDUCATION	73	43	116	3.4
GENERAL MERCHANDISE STORES	49	49	98	2.9
HOSPITALS	60	33	93	2.7
FOOD STORES	46	45	91	2.7
GENERAL ADMINISTRATIVE SERVICES	55	25	80	2.3
POST-SECONDARY NON-UNIVERSITY EDUCATION	37	33	70	2.0
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	45	10	55	1.6
SPORTS AND RECREATION CLUBS AND SERVICES	40	9	49	1.4
NON-INSTITUTIONAL HEALTH SERVICES	30	15	45	1.3
ECONOMIC SERVICES ADMINISTRATION	33	4	37	1.1
HOTELS, MOTELS AND TOURIST COURTS	24	6	30	0.9
OTHER STORAGE AND WAREHOUSING INDUSTRIES	12	10	22	0.6
WOMEN'S CLOTHING STORES	13	8	21	0.6
GASOLINE SERVICE STATIONS	15	5	20	0.6
LIBRARY SERVICES	11	9	20	0.6
LABOUR AND EMPLOYMENT SERVICES	16	3	19	0.6
OTHER PERSONAL AND HOUSEHOLD SERVICES	16	3	19	0.6
RESIDENTIAL BUILDING AND DEVELOPMENT	17	2	19	0.6
OTHER RETAIL STORES	11	6	17	0.5
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	13	4	17	0.5
ADVERTISING SERVICES	15	1	16	0.5
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	11	2	13	0.4
PRIVATE HOUSEHOLDS	12	1	13	0.4



TABLE A-2 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
COMMERCIAL SPECTATOR SPORTS	10	2	12	0.4
LABOUR, EMPLOYMENT AND IMMIGRATION SERVICES	9	3	12	0.4
MUSEUMS AND ARCHIVES	11	1	12	0.4
TOY, HOBBY, NOVELTY AND SOUVENIR STORES	6	6	12	0.4
FOOD, WHOLESALE	9	2	11	0.3
SITE WORK	11	--	11	0.3
OTHER EDUCATIONAL SERVICES	7	3	10	0.3
TAVERNS, BARS AND NIGHT CLUBS	7	3	10	0.3
<b>SUB-TOTAL</b>	<b>2,078</b>	<b>857</b>	<b>2,935</b>	<b>85.9</b>
<b>OTHER</b>	<b>372</b>	<b>108</b>	<b>480</b>	<b>14.1</b>
<b>TOTAL**</b>	<b>2,450</b>	<b>965</b>	<b>3,415</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.



# DISTRIBUTION OF EMPLOYMENT BY OCCUPATION, SOCIAL SERVICES PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ELEMENTARY & KINDERGARTEN TEACHERS	460	139	599	17.5
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	316	169	485	14.2
GUARDS & RELATED SECURITY OCCUPATIONS	219	50	269	7.9
CHILD-CARE OCCUPATIONS	117	35	152	4.4
EDUCATIONAL & VOCATIONAL COUNSELLORS	91	46	137	4.0
SALES CLERKS, COMMODITIES	69	57	126	3.7
SOCIAL WORKERS	82	21	103	3.0
OTHER OCCUPATIONS IN SOCIAL SCIENCE & RELATED FIELDS, N.E.C.	58	36	94	2.7
FOOD & BEVERAGE SERVING OCCUPATIONS	46	44	90	2.6
TELLERS & CASHIERS	42	43	85	2.5
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	49	31	80	2.3
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	49	4	53	1.5
POLICE OFFICERS & DETECTIVES, GOVERNMENT	46	4	50	1.5
POLICE AGENTS & INVESTIGATORS, PRIVATE	25	12	37	1.1
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES COACHES, TRAINERS, INSTRUCTORS & MANAGERS,	32	3	35	1.0
SPORT & RECREATION	22	10	32	0.9
TECHNICIANS IN LIBRARY, MUSEUM & ARCHIVAL SCIENCES	26	6	32	0.9
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	18	10	28	0.8
JANITORS, CHARWORKERS & CLEANERS	16	10	26	0.8
SALES WORKERS, COMMODITIES, N.E.C.	17	9	26	0.8
SECRETARIES & STENOGRAPHERS	20	5	25	0.7
COLLECTORS	13	11	24	0.7
NURSING ATTENDANTS	9	15	24	0.7
GENERAL OFFICE CLERKS	15	6	21	0.6
REGISTERED NURSING ASSISTANTS	10	10	20	0.6
TEACHERS OF EXCEPTIONAL STUDENTS, N.E.C.	15	5	20	0.6
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	10	9	19	0.6
OCCUPATIONS IN SOCIAL WORK & RELATED FIELDS	18	1	19	0.6
RECEPTIONISTS & INFORMATION CLERKS	13	5	18	0.5

TABLE A-3 (cont'd)

OCCUPATION *	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NURSERY & RELATED WORKERS	17	--	17	0.5
STOCK CLERKS & RELATED OCCUPATIONS	6	11	17	0.5
OFFICIALS & ADMINISTRATORS UNIQUE TO GOVERNMENT, N.E.C.	15	1	16	0.5
IN MEDICINE & HEALTH	11	4	15	0.4
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT	8	7	15	0.4
LIBRARY & FILE CLERKS	11	4	15	0.4
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED & SERVICES OCCUPATIONS	13	2	15	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICES	8	6	14	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING, ASSEMBLING & REPAIRING, N.E.C.	11	3	14	0.4
BARTENDERS	10	3	13	0.4
CHEFS & COOKS	6	7	13	0.4
HOUSEKEEPER, SERVANT & RELATED OCCUPATIO & MATERIAL HANDLING, N.E.C.	6	7	13	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICE STATION ATTENDANTS	11	2	13	0.4
ATTENDANT, SPORT & RECREATION	9	3	12	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: & FOOD, BEVERAGE & RELATED PROCESSING	10	2	12	0.4
PERSONNEL AND RELATED OFFICERS	10	2	12	0.4
SHIPPING & RECEIVING CLERKS	11	1	12	0.4
EDP EQUIPMENT OPERATORS	8	3	11	0.3
TRANSLATOR & INTERPRETER	11	--	11	0.3
WRITERS & EDITORS, PUBLICATION	9	2	11	0.3
COMMUNITY COLLEGE & VOCATIONAL SCHOOL TEACHERS	5	5	10	0.3
INSURANCE, BANK & OTHER FINANCE CLERKS	7	3	10	0.3
LIBRARY, FILE & CORRESPONDENCE CLERKS & RELATED OCCUPATIONS	2	8	10	0.3
<b>SUB-TOTAL</b>	<b>2,146</b>	<b>897</b>	<b>3,043</b>	<b>88.9</b>
<b>OTHER</b>	<b>306</b>	<b>73</b>	<b>379</b>	<b>11.1</b>
<b>TOTAL **</b>	<b>2,452</b>	<b>970</b>	<b>3,422</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

TABLE A-4

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, VISUAL AND CREATIVE ARTS PROGRAMS, 1992

ENGLISH PROGRAMS												
	DURATION	TOTAL GRADS	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL TIME	PERCENTAGE EMPLOYED IN RELATED JOB	AVERAGE ANNUAL SALARY	PERCENTAGE EMPLOYED FULL TIME	
			#	%	#	%						%
ADVERTISING AND DESIGN												
ADVERTISING	2 YR	172	159	92.4	155	97.5	85.2	72.3	50.3	19,427		
ADVERTISING	3 YR	56	37	66.1	35	94.6	82.9	68.6	48.6	19,832		
ADVERTISING AND GRAPHIC DESIGN	2 YR	241	180	74.7	133	73.9	78.9	56.4	33.8	19,961		
ADVERTISING AND GRAPHIC DESIGN	3 YR	395	293	74.2	264	90.1	72.0	54.9	39.0	19,881		
CREATIVE ADVERTISING	2 YR	34	6	17.6	5	83.3	60.0	40.0	0.0	-		
GRAPHIC DESIGN FUNDAMENTALS	1 YR	7	7	100.0	3	42.9	100.0	66.7	33.3	-		
INTERIOR DESIGN	2 YR	72	37	51.4	21	56.8	85.7	57.1	38.1	24,207		
INTERIOR DESIGN	3 YR	149	115	77.2	112	97.4	83.0	67.9	45.5	19,547		
VISUAL MERCHANDISING ARTS	2 YR	24	18	75.0	16	88.9	93.8	75.0	68.8	18,979		
TOTAL		1,150	852	74.1	744	87.3	79.0	61.8	42.2	19,815		
ART												
ART CONSERVATION TECHNIQUES	3 YR	15	11	73.3	11	100.0	45.5	45.5	45.5	26,439		
ART FUNDAMENTALS	1 YR	129	128	99.2	18	14.1	72.2	55.6	11.1	26,000		
FINE ARTS AND CRAFTS	2 YR	23	17	73.9	9	52.9	100.0	55.6	33.3	19,800		
FINE ARTS AND CRAFTS - ADVANCED	3 YR	33	26	78.8	17	65.4	58.8	41.2	35.3	13,684		
MUSEUM TECHNOLOGY	3 YR	16	15	93.8	13	86.7	61.5	46.2	46.2	28,702		
TOTAL		216	197	91.2	68	34.5	66.2	48.5	32.4	22,584		
CRAFTS												
CERAMICS - ADVANCED	3 YR	13	8	61.5	5	62.5	80.0	80.0	60.0	20,286		
GEMMOLOGY	1 YR	24	19	79.2	15	78.9	73.3	53.3	20.0	19,862		
JEWELLERY ARTS	3 YR	24	20	83.3	13	65.0	84.6	61.5	53.8	14,952		
JEWELLERY REPAIRS	1 YR	7	5	71.4	2	40.0	50.0	0.0	0.0	-		
TOTAL		68	52	76.5	35	67.3	77.1	57.1	37.1	18,025		
FASHION												
APPAREL MANUFACTURING MANAGEMENT	2 YR	12	7	58.3	7	100.0	71.4	42.9	28.6	16,425		
COSMETIC SALES	1 YR	14	12	85.7	9	75.0	100.0	66.7	66.7	14,466		
COSMETIC TECHNIQUES	2 YR	41	18	43.9	16	88.9	93.8	68.8	50.0	16,742		
ESTHETICIAN	2 YR	32	22	68.8	19	86.4	73.7	47.4	36.8	15,504		
FASHION ARTS	3 YR	40	25	62.5	24	96.0	75.0	62.5	45.8	18,042		
FASHION ARTS - MODELLING AND FASHION	2 YR	11	5	45.5	4	80.0	100.0	100.0	100.0	19,000		
FASHION MGT & COMPU. DESIGN TECHNIQUES	PD	29	16	55.2	15	93.8	73.3	73.3	66.7	20,025		
FASHION TECHNIQUE AND DESIGN	2 YR	92	63	68.5	44	69.8	72.7	50.0	34.1	15,903		
TOTAL		271	168	62.0	138	82.1	78.3	58.7	45.7	17,076		

TABLE A-4 (cont'd)

## VISUAL AND CREATIVE ARTS PROGRAMS

ENGLISH PROGRAMS												
	DURATION	TOTAL GRADS	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL TIME	PERCENTAGE EMPLOYED IN RELATED JOB		AVERAGE ANNUAL SALARY	
			#	%	#	%			%	%		
GRAPHIC ARTS/PRINTING												
GRAPHIC ARTS REPROD-PRODUCTION CO-ORD	3 YR	14	14	100.0	12	85.7	75.0	66.7	50.0	50.0	22,748	
GRAPHIC SIGN DESIGN AND PRODUCTION	2 YR	27	21	77.8	19	90.5	73.7	52.6	42.1	42.1	17,982	
PRINTING TECHNICIAN	2 YR	20	19	95.0	18	94.7	77.8	61.1	38.9	38.9	17,412	
PRINTING TECHNOLOGY	3 YR	14	12	85.7	11	91.7	90.9	72.7	54.5	54.5	23,076	
TOTAL		75	66	88.0	60	90.9	78.3	61.7	45.0	45.0	20,212	
HORTICULTURE												
LANDSCAPE AND HORTICULTURAL TECHN	2 YR	57	41	71.9	32	78.0	84.4	78.1	71.9	71.9	23,578	
LANDSCAPE AND HORTICULTURAL TECHOS.	1 YR	3	0	0.0	0	-	-	-	-	-	-	
LANDSCAPE AND HORTICULTURAL TECHY	3 YR	18	16	88.9	15	93.8	66.7	60.0	53.3	53.3	20,412	
RETAIL FLORICULTURE	2 YR	9	8	88.9	5	62.5	100.0	80.0	80.0	80.0	17,305	
RETAIL FLORIST	1 YR	45	27	60.0	24	88.9	83.3	54.2	50.0	50.0	16,836	
URBAN ARBORICULTURE	1 YR	1	1	100.0	1	-	-	-	-	-	-	
TOTAL		133	93	69.9	77	82.8	81.8	67.5	62.3	62.3	21,549	
MEDIA												
ANIMATION	3 YR	41	37	90.2	29	78.4	65.5	55.2	34.5	34.5	25,009	
ANIMATION - TELEVISION	2 YR	11	10	90.9	9	90.0	55.6	33.3	11.1	11.1	20,857	
AUDIO-VISUAL TECHNICIAN	2 YR	42	37	88.1	35	94.6	71.4	37.1	25.7	25.7	19,282	
BOOK AND MAGAZINE PUBLISHING	2 YR	25	25	100.0	24	96.0	75.0	62.5	45.8	45.8	20,854	
BROADCASTING - RADIO AND TELEVISION	2 YR	305	230	75.4	217	94.3	77.0	52.1	36.4	36.4	18,309	
BROADCASTING - RADIO AND TELEVISION	3 YR	71	59	83.1	54	91.5	70.4	50.0	35.2	35.2	22,357	
BROADCASTING - RADIO AND TELEVISION	PD	19	15	78.9	15	100.0	46.7	33.3	13.3	13.3	12,775	
COMPUTER ANIMATION	PD	10	8	80.0	7	87.5	57.1	42.9	42.9	42.9	30,857	
COMPUTER GRAPHICS	PD	19	16	84.2	15	93.8	73.3	46.7	40.0	40.0	26,718	
FILM AND TELEVISION PRODUCTION	3 YR	28	25	89.3	23	92.0	78.3	47.8	26.1	26.1	21,033	
FILM PRODUCTION	2 YR	11	7	63.6	7	100.0	57.1	42.9	28.6	28.6	21,444	
JOURNALISM - PRINT AND BROADCASTING	2 YR	215	185	86.0	168	90.8	86.3	67.3	44.0	44.0	19,532	
JOURNALISM - PRINT AND BROADCASTING	3 YR	75	59	78.7	56	94.9	82.1	67.9	50.0	50.0	20,302	
MEDIA ARTS	2 YR	59	50	84.7	44	88.0	79.5	63.6	52.3	52.3	21,173	
MUSIC INDUSTRY ARTS	2 YR	38	29	76.3	25	86.2	84.0	64.0	44.0	44.0	15,943	
PHOTOGRAPHY	2 YR	101	91	90.1	77	84.6	84.4	67.5	49.4	49.4	19,813	
PHOTOGRAPHY	PD	5	4	80.0	4	100.0	50.0	25.0	0.0	0.0	-	
PHOTOJOURNALISM	2 YR	25	24	96.0	23	95.8	60.9	47.8	30.4	30.4	18,811	
TECHNICAL WRITER	3 YR	23	21	91.3	21	100.0	66.7	61.9	57.1	57.1	34,794	
TELECOMMUNICATIONS MANAGEMENT	PD	22	16	72.7	16	100.0	87.5	75.0	75.0	75.0	33,500	
TOTAL		1,145	948	82.8	869	91.7	77.3	57.5	40.6	40.6	20,892	

# VISUAL AND CREATIVE ARTS PROGRAMS

TABLE A-4 (cont'd)

<u>ENGLISH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>PERFORMING ARTS</b>										
ARTS ADMINISTRATION	2 YR	10	9	90.0	7	77.8	100.0	100.0	57.1	12,892
MUSIC	3 YR	59	52	88.1	33	63.5	81.8	42.4	21.2	21,317
MUSIC THEATRE - PERFORMANCE	3 YR	15	14	93.3	13	92.9	92.3	61.5	38.5	21,835
THEATRE ARTS	3 YR	17	12	70.6	12	100.0	66.7	41.7	16.7	29,487
THEATRE ARTS - PRODUCTION	2 YR	9	8	88.9	7	87.5	85.7	85.7	71.4	21,617
<b>TOTAL</b>		<b>110</b>	<b>95</b>	<b>86.4</b>	<b>72</b>	<b>75.8</b>	<b>83.3</b>	<b>55.6</b>	<b>31.9</b>	<b>20,591</b>
<b>TOTAL ENGLISH PROGRAMS</b>		<b>3,168</b>	<b>2,471</b>	<b>78.0</b>	<b>2,063</b>	<b>83.5</b>	<b>78.0</b>	<b>59.3</b>	<b>41.8</b>	<b>20,265</b>
<u>FRENCH PROGRAMS</u>										
<b>ADVERTISING AND DESIGN</b>										
ADVERTISING	2 YR	15	13	86.7	11	84.6	81.8	72.7	63.6	14,682
ADVERTISING AND GRAPHIC DESIGN	2 YR	12	12	100.0	9	75.0	66.7	55.6	33.3	19,759
INTERIOR DESIGN	3 YR	10	9	90.0	9	100.0	77.8	66.7	55.6	22,017
<b>TOTAL</b>		<b>37</b>	<b>34</b>	<b>91.9</b>	<b>29</b>	<b>85.3</b>	<b>75.9</b>	<b>65.5</b>	<b>51.7</b>	<b>18,142</b>
<b>GRAPHIC ARTS/PRINTING</b>										
PRINTING TECHNICIAN	2 YR	4	3	75.0	3	100.0	100.0	66.7	66.7	-
<b>TOTAL</b>		<b>4</b>	<b>3</b>	<b>75.0</b>	<b>3</b>	<b>100.0</b>	<b>100.0</b>	<b>66.7</b>	<b>66.7</b>	<b>-</b>
<b>HORTICULTURE</b>										
RETAIL FLORIST	1 YR	10	9	90.0	8	88.9	37.5	25.0	25.0	14,050
<b>TOTAL</b>		<b>10</b>	<b>9</b>	<b>90.0</b>	<b>8</b>	<b>88.9</b>	<b>37.5</b>	<b>25.0</b>	<b>25.0</b>	<b>14,050</b>
<b>MEDIA</b>										
BROADCASTING - RADIO AND TELEVISION	2 YR	21	15	71.4	14	93.3	78.6	78.6	71.4	22,661
JOURNALISM - PRINT AND BROADCASTING	2 YR	7	7	100.0	5	71.4	100.0	100.0	100.0	23,130
PHOTOGRAPHY	2 YR	5	4	80.0	4	100.0	100.0	75.0	50.0	17,468
<b>TOTAL</b>		<b>33</b>	<b>26</b>	<b>78.8</b>	<b>23</b>	<b>88.5</b>	<b>87.0</b>	<b>82.6</b>	<b>73.9</b>	<b>22,159</b>
<b>TOTAL FRENCH PROGRAMS</b>		<b>84</b>	<b>72</b>	<b>85.7</b>	<b>63</b>	<b>87.5</b>	<b>76.2</b>	<b>66.7</b>	<b>57.1</b>	<b>19,661</b>
<b>TOTAL VISUAL AND CREATIVE ARTS PROGRAMS</b>		<b>3,252</b>	<b>2,543</b>	<b>78.2</b>	<b>2,126</b>	<b>83.6</b>	<b>78.0</b>	<b>59.5</b>	<b>42.3</b>	<b>20,238</b>

Note: See Appendix F for a list of abbreviations used in this table.



TABLE A-5

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
TELECOMMUNICATION BROADCASTING INDUSTRIES	119	46	165	11.3
ADVERTISING SERVICES	116	15	131	9.0
COMBINED PUBLISHING AND PRINTING INDUSTRIES	80	14	94	6.5
FOOD SERVICES	41	27	68	4.7
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	53	12	65	4.5
OTHER BUSINESS SERVICES	57	6	63	4.3
PUBLISHING INDUSTRIES	38	11	49	3.4
GENERAL MERCHANDISE STORES	32	16	48	3.3
PHOTOGRAPHERS	31	11	42	2.9
FLORISTS, LAWN AND GARDEN CENTRES	19	9	28	1.9
WOMEN'S CLOTHING STORES	24	4	28	1.9
COMMERCIAL PRINTING INDUSTRIES	23	4	27	1.9
FOOD STORES	11	16	27	1.9
THEATRICAL AND OTHER STAGED ENTERTAINMENT SERVICES	18	8	26	1.8
COMPUTER AND RELATED SERVICES	16	2	18	1.2
GENERAL ADMINISTRATIVE SERVICES	15	2	17	1.2
HOTELS, MOTELS AND TOURIST COURTS	15	1	16	1.1
OTHER RETAIL STORES	14	1	15	1.0
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	11	4	15	1.0
CAMERA AND PHOTOGRAPHIC SUPPLY STORES	13	1	14	1.0
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	12	1	13	0.9
OTHER CLOTHING AND APPAREL INDUSTRIES	12	1	13	0.9
BARBER AND BEAUTY SHOPS	6	6	12	0.8
SITE WORK	8	4	12	0.8
HORTICULTURAL SPECIALTIES	11	--	11	0.8
POST-SECONDARY NON-UNIVERSITY EDUCATION	6	5	11	0.8
JEWELLERY STORES AND WATCH AND JEWELLERY REPAIR SHOPS	8	2	10	0.7



TABLE A-5 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
MANAGEMENT CONSULTING SERVICES	9	1	10	0.7
MUSEUMS AND ARCHIVES	9	1	10	0.7
OTHER SERVICES N.E.C.	9	1	10	0.7
<b>SUB-TOTAL</b>	<b>836</b>	<b>232</b>	<b>1,068</b>	<b>73.5</b>
<b>OTHER</b>	<b>303</b>	<b>83</b>	<b>386</b>	<b>26.5</b>
<b>TOTAL**</b>	<b>1,139</b>	<b>315</b>	<b>1,454</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-6

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ADVERTISING & ILLUSTRATING ARTISTS	127	25	152	10.4
WRITERS & EDITORS, PUBLICATION	98	13	111	7.6
SALES CLERKS, COMMODITIES	57	32	89	6.1
PRODUCT & INTERIOR DESIGNERS	65	9	74	5.1
PHOTOGRAPHERS & CAMERA OPERATORS	50	19	69	4.7
FOOD & BEVERAGE SERVING OCCUPATIONS	27	19	46	3.2
RADIO & TV ANNOUNCERS	30	16	46	3.2
SALES WORKERS, COMMODITIES, N.E.C.	32	10	42	2.9
OCCUPATIONS IN FINE & COMMERCIAL ART				
PHOTOGRAPHY & RELATED FIELDS	30	11	41	2.8
TELLERS & CASHIERS	24	15	39	2.7
OCCUPATIONS IN PERFORMING & AUDIOVISUAL ARTS, N.E.C.				
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	28	9	37	2.5
PRODUCERS & DIRECTORS, PERFORMING & AUDIOVISUAL ARTS	32	1	33	2.3
ADVERTISING SALES OCCUPATIONS	20	8	28	1.9
BARBERS, HAIRDRESSERS & RELATED OCCUPATIONS	25	2	27	1.8
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	18	8	26	1.8
GENERAL OFFICE CLERKS	25	1	26	1.8
NURSERY & RELATED WORKERS	16	3	19	1.3
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	15	3	18	1.2
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	16	2	18	1.2
RADIO & TV BROADCASTING EQUIPMENT OPERATORS	14	2	16	1.1
	12	4	16	1.1

TABLE A-6 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBU- TION %
COLLECTORS	10	5	15	1.0
EDP EQUIPMENT OPERATORS	11	3	14	1.0
RECEPTIONISTS & INFORMATION CLERKS	8	6	14	1.0
SECRETARIES & STENOGRAPHERS	10	3	13	0.9
SOUND & VIDEO RECORDING & REPRODUCTION EQUIPMENT OPERATORS	10	3	13	0.9
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	10	2	12	0.8
PHOTOGRAPHIC PROCESSING & FINISHING OCCUPATIONS	10	1	11	0.8
PRODUCTION CLERKS	10	1	11	0.8
WRITERS & EDITORS: RADIO, TV, THEATRE & MOTION PICTURES	9	2	11	0.8
STOCK CLERKS & RELATED OCCUPATIONS	9	1	10	0.7
<b>SUB-TOTAL</b>	<b>858</b>	<b>238</b>	<b>1,097</b>	<b>75.1</b>
<b>OTHER</b>	<b>283</b>	<b>80</b>	<b>363</b>	<b>24.9</b>
<b>TOTAL**</b>	<b>1,141</b>	<b>319</b>	<b>1,460</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-7

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
HOSPITALITY PROGRAMS, 1992

		TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL TIME		PERCENTAGE EMPLOYED IN RELATED JOB		AVERAGE ANNUAL SALARY	
DURATION		#	%	#	%	#	%	%	%	%	%	%	%	\$	\$
<u>ENGLISH PROGRAMS</u>															
CULINARY ARTS															
CHEF TRAINING		89	60	67.4	52	86.7	76.9	61.5	57.7	16,359					
CULINARY ARTS - ITALIAN		14	8	57.1	7	87.5	100.0	100.0	100.0	24,327					
CULINARY MANAGEMENT		93	63	67.7	53	84.1	73.6	67.9	66.0	19,726					
TOTAL		196	131	66.8	112	85.5	76.8	67.0	64.3	18,718					
HOSPITALITY MANAGEMENT															
FLIGHT SERVICES		11	6	54.5	6	100.0	50.0	33.3	33.3	14,377					
FOOD AND BEVERAGE MANAGEMENT		85	65	76.5	52	80.0	82.7	71.2	67.3	18,522					
FOOD AND BEVERAGE SERVICE		3	0	0.0	0	-	-	-	-	-					
FOOD SERVICE SUPERVISOR		19	19	100.0	15	78.9	73.3	40.0	40.0	24,479					
FOOD SERVICE SUPERVISOR		23	14	60.9	11	78.6	81.8	72.7	63.6	27,999					
HOSPITALITY ADMINISTRATION & SERVICE		59	51	86.4	45	88.2	86.7	73.3	55.6	21,985					
HOTEL AND RESTAURANT ADMINISTRATION		55	30	54.5	25	83.3	96.0	80.0	72.0	16,139					
HOTEL AND RESTAURANT MANAGEMENT		364	255	70.1	213	83.5	84.5	68.5	60.6	17,368					
TOTAL		619	440	71.1	367	83.4	84.2	68.7	60.5	18,471					
TOTAL ENGLISH PROGRAMS		815	571	70.1	479	83.9	82.5	68.3	61.4	18,531					
<u>FRENCH PROGRAMS</u>															
HOSPITALITY MANAGEMENT															
HOTEL AND RESTAURANT MANAGEMENT		11	9	81.8	8	88.9	62.5	50.0	25.0	16,800					
TOTAL		11	9	81.8	8	88.9	62.5	50.0	25.0	16,800					
TOTAL FRENCH PROGRAMS		11	9	81.8	8	88.9	62.5	50.0	25.0	16,800					
<u>BILINGUAL PROGRAMS</u>															
HOSPITALITY MANAGEMENT															
HOTEL AND RESTAURANT MANAGEMENT		6	4	66.7	4	100.0	100.0	100.0	75.0	12,601					
TOTAL		6	4	66.7	4	100.0	100.0	100.0	75.0	12,601					
TOTAL BILINGUAL		6	4	66.7	4	100.0	100.0	100.0	75.0	12,601					
TOTAL HOSPITALITY PROGRAMS		832	584	70.2	491	84.1	82.3	68.2	60.9	18,451					

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-8

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HOSPITALITY PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
FOOD SERVICES	138	24	162	41.1
HOTELS, MOTELS AND TOURIST COURTS	90	18	108	27.4
SERVICE INDUSTRIES INCIDENTAL TO CRUDE PETROLEUM AND NATURAL GAS	21	--	21	5.3
<b>SUB-TOTAL</b>	<b>249</b>	<b>42</b>	<b>291</b>	<b>73.9</b>
<b>OTHER</b>	<b>81</b>	<b>22</b>	<b>103</b>	<b>26.1</b>
<b>TOTAL**</b>	<b>330</b>	<b>64</b>	<b>394</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-9

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HOSPITALITY PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	78	7	85	21.6
CHEFS & COOKS	66	12	78	19.8
FOOD & BEVERAGE SERVING OCCUPATIONS	48	12	60	15.3
HOTEL CLERKS	29	6	35	8.9
TELLERS & CASHIERS	12	6	18	4.6
BARTENDERS	12	3	15	3.8
SALES CLERKS, COMMODITIES	8	4	12	3.1
SERVICE MANAGEMENT OCCUPATIONS	10	--	10	2.5
<b>SUB-TOTAL</b>	<b>263</b>	<b>50</b>	<b>313</b>	<b>79.6</b>
<b>OTHER</b>	<b>66</b>	<b>14</b>	<b>80</b>	<b>20.4</b>
<b>TOTAL**</b>	<b>329</b>	<b>64</b>	<b>393</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-10

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1992

ENGLISH PROGRAMS											
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$		
ACCOUNTING/FINANCE											
1 YR	51	28	54.9	25	89.3	48.0	32.0	28.0	25,416		
2 YR	548	457	83.4	333	72.9	72.7	57.7	41.1	20,485		
3 YR	604	498	82.5	432	86.7	78.5	63.7	50.9	19,134		
3 YR	58	54	93.1	42	77.8	81.0	61.9	47.6	21,562		
2 YR	24	22	91.7	19	86.4	89.5	84.2	78.9	21,415		
TOTAL	1,336	1,105	82.7	886	80.2	75.7	60.9	46.3	21,767	21,209	
AVIATION MANAGEMENT											
2 YR	9	9	100.0	9	100.0	88.9	88.9	44.4	20,067		
3 YR	24	22	91.7	19	86.4	84.2	73.7	63.2	22,110		
3 YR	4	4	100.0	4	100.0	100.0	100.0	100.0	18,488		
TOTAL	37	35	94.6	32	91.4	87.5	81.3	62.5	20,917		
BUSINESS COMPUTER											
3 YR	4	4	100.0	3	75.0	100.0	100.0	100.0	-		
3 YR	167	124	74.3	115	92.7	80.9	75.7	60.0	26,716		
3 YR	2	1	50.0	1	-	-	-	-	-		
2 YR	219	173	79.0	124	71.7	70.2	60.5	38.7	24,824		
1 YR	14	11	78.6	10	90.9	40.0	20.0	20.0	19,986		
2 YR	292	233	79.8	197	84.5	61.9	52.3	46.7	26,708		
3 YR	235	202	86.0	190	94.1	70.5	68.4	61.1	30,926		
2 YR	5	5	100.0	2	40.0	50.0	50.0	50.0	-		
1 YR	45	38	84.4	33	86.8	72.7	45.5	33.3	19,057		
TOTAL	983	791	80.5	675	85.3	69.5	61.6	50.7	27,709		
BUSINESS LEGAL											
PD	28	12	42.9	12	100.0	33.3	33.3	25.0	29,643		
3 YR	26	25	96.2	23	92.0	78.3	65.2	43.5	20,967		
2 YR	498	396	79.5	353	89.1	79.3	65.2	47.3	21,642		
PD	38	23	60.5	22	95.7	54.5	54.5	36.4	27,971		
PD	54	49	90.7	48	98.0	50.0	37.5	14.6	29,802		
TOTAL	644	505	78.4	458	90.7	73.8	60.9	42.6	22,186		

TABLE A-10 (cont'd)

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

ENGLISH PROGRAMS										PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB %
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	GRADS IN LABOUR FORCE #	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %					
BUSINESS MANAGEMENT										
BUS. ADMINISTRATION - OPERATIONS MGT	3 YR	54	48	88.9	37	77.1	75.7	64.9	51.4	25,923
BUSINESS	2 YR	483	365	75.6	264	72.3	79.2	63.6	48.9	19,477
BUSINESS - DISTRIBUTION MANAGEMENT	2 YR	17	13	76.5	10	76.9	90.0	70.0	70.0	23,839
BUSINESS ADMINISTRATION	3 YR	572	454	79.4	394	86.8	82.5	68.8	53.8	21,671
INTERNATIONAL BUSINESS	3 YR	29	23	79.3	20	87.0	75.0	70.0	35.0	27,350
INTERNATIONAL BUSINESS MANAGEMENT	PD	31	16	51.6	14	87.5	57.1	57.1	35.7	25,286
PROPERTY MANAGEMENT	2 YR	23	16	69.6	15	93.8	73.3	46.7	26.7	22,080
TRANSPORTATION & DISTRIBUTION ADMIN.	3 YR	7	3	42.9	2	66.7	100.0	100.0	100.0	-
TRANSPORTATION AND DISTRIBUTION	2 YR	3	2	66.7	2	100.0	50.0	50.0	50.0	-
TOTAL		1,219	940	77.1	758	80.6	80.2	66.2	50.9	21,329
GOVERNMENT/REAL ESTATE										
ASSESSMENT AND APPRAISAL	2 YR	26	25	96.2	24	96.0	75.0	62.5	29.2	25,329
GOVERNMENT ADMINISTRATION	2 YR	9	4	44.4	4	100.0	75.0	50.0	0.0	-
MUNICIPAL ADMINISTRATION & ASSESSMENT	2 YR	10	10	100.0	10	100.0	80.0	70.0	10.0	-
TOTAL		45	39	86.7	38	97.4	76.3	63.2	21.1	25,329
HUMAN RESOURCES/INDUSTRIAL RELATIONS										
BUS. ADMIN. - HUMAN RESOURCES MGT	3 YR	93	85	91.4	78	91.8	83.3	65.4	29.5	21,564
BUSINESS - HUMAN RESOURCES	2 YR	28	24	85.7	16	66.7	75.0	50.0	37.5	20,179
HUMAN RESOURCES MANAGEMENT	PD	189	138	73.0	135	97.8	81.5	74.8	48.1	25,898
INDUSTRIAL RELATIONS	3 YR	8	6	75.0	5	83.3	80.0	40.0	40.0	40,757
TOTAL		318	253	79.6	234	92.5	81.6	69.2	41.0	24,628
MARKETING/RETAIL SALES										
BUS. ADMIN. - AUTOMOTIVE MARKETING	3 YR	79	74	93.7	36	48.6	80.6	80.6	80.6	27,578
BUSINESS - ADVERTISING	2 YR	24	22	91.7	21	95.5	76.2	52.4	42.9	21,765
BUSINESS - MARKETING	2 YR	329	281	85.4	209	74.4	86.6	69.4	50.7	22,031
BUSINESS - RETAILING	2 YR	56	38	67.9	35	92.1	94.3	91.4	88.6	18,615
BUSINESS - SALES	2 YR	27	24	88.9	21	87.5	76.2	52.4	42.9	21,928
BUSINESS ADMINISTRATION - MARKETING	3 YR	446	366	82.1	309	84.4	84.1	72.5	51.1	22,933
COMPUTER SALES AND MARKETING	2 YR	7	7	100.0	7	100.0	100.0	100.0	100.0	20,851
FASHION MERCHANDISING	2 YR	46	37	80.4	34	91.9	76.5	52.9	44.1	16,636
FASHION MERCHANDISING	3 YR	36	30	83.3	28	93.3	100.0	82.1	82.1	17,631
MARKETING MANAGEMENT	PD	15	10	66.7	10	100.0	90.0	90.0	60.0	21,796
PARTS MANAGEMENT AND MERCHANDISING	1 YR	13	12	92.3	12	100.0	66.7	66.7	41.7	16,164
RECREATIONAL MERCHANDISING	2 YR	23	21	91.3	21	100.0	85.7	81.0	66.7	20,139
SPORTS MARKETING	PD	11	5	45.5	4	80.0	100.0	100.0	100.0	25,732
TOTAL		1,112	927	83.4	747	80.6	85.0	72.0	55.7	21,875

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

ENGLISH PROGRAMS**MATERIALS MANAGEMENT**

BUSINESS - PURCHASING

MATERIALS MANAGEMENT

**TOTAL****OFFICE ADMINISTRATION**

BUSINESS - OFFICE SYSTEMS

OFFICE ADMIN. - INFORMATION SYSTEMS

OFFICE ADMIN. - WORD PROCESSING

OFFICE ADMIN. - WORD PROCESSING

OFFICE ADMINISTRATION - EXECUTIVE

OFFICE ADMINISTRATION - GENERAL

OFFICE SYSTEMS ADMINISTRATION

RECORDS AND INFORMATION MANAGEMENT

RECORDS OPERATIONS

**TOTAL****OFFICE ADMINISTRATION - HEALTH**

DENTAL OFFICE ADMINISTRATION

HEALTH OFFICE ADMINISTRATION

HEALTH RECORDS ADMINISTRATION

HEALTH RECORDS TECHNICIAN

HEALTH RECORDS TECHNICIAN

MEDICAL TRANSCRIPTIONIST-HEALTH RECORDS

OFFICE ADMINISTRATION - MEDICAL

OFFICE ADMINISTRATION - MEDICAL

**TOTAL****OFFICE ADMINISTRATION - LEGAL**

COURT REPORTING - MACHINE SHORTHAND

COURT REPORTING - STENOMASK

OFFICE ADMINISTRATION - LEGAL

OFFICE ADMINISTRATION - LEGAL

**TOTAL****SMALL BUSINESS**

BUS. ADMINISTRATION - SMALL BUS. MGT

SMALL BUSINESS

SMALL BUSINESS MANAGEMENT

**TOTAL**

DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL TIME		PERCENTAGE EMPLOYED IN RELATED JOB		AVERAGE ANNUAL SALARY \$
		#	%	#	%	%	%	%	%	%	%	
2 YR	11	9	81.8	8	88.9	87.5	87.5	87.5	75.0	75.0	21,916	
3 YR	55	52	94.5	46	88.5	71.7	60.9	45.7	45.7	24,153		
	66	61	92.4	54	88.5	74.1	64.8	50.0	50.0	23,570		
2 YR	42	37	88.1	36	97.3	86.1	77.8	61.1	61.1	21,353		
2 YR	23	18	78.3	18	100.0	88.9	88.9	55.6	55.6	22,238		
1 YR	39	39	100.0	35	89.7	71.4	57.1	40.0	40.0	19,854		
2 YR	56	41	73.2	40	97.6	67.5	55.0	40.0	40.0	20,283		
2 YR	419	352	84.0	291	82.7	85.6	63.9	55.7	55.7	19,444		
1 YR	467	381	81.6	243	63.8	72.0	50.2	37.9	37.9	19,754		
3 YR	47	47	100.0	46	97.9	76.1	56.5	47.8	47.8	19,875		
2 YR	8	8	100.0	5	62.5	100.0	100.0	100.0	100.0	23,180		
1 YR	12	11	91.7	7	63.6	85.7	85.7	57.1	57.1	19,646		
	1,113	934	83.9	721	77.2	78.9	59.8	48.1	48.1	19,872		
1 YR	17	16	94.1	11	68.8	100.0	72.7	36.4	36.4	20,385		
PD	4	4	100.0	3	75.0	100.0	100.0	100.0	100.0	-		
2 YR	23	18	78.3	17	94.4	94.1	64.7	64.7	64.7	29,216		
1 YR*	54	50	92.6	37	74.0	89.2	54.1	45.9	45.9	26,819		
2 YR	30	25	83.3	24	96.0	79.2	62.5	41.7	41.7	24,774		
1 YR	23	19	82.6	18	94.7	72.2	44.4	27.8	27.8	25,515		
1 YR	15	12	80.0	12	100.0	58.3	33.3	16.7	16.7	17,368		
2 YR	282	236	83.7	223	94.5	78.0	56.5	47.1	47.1	20,473		
	448	380	84.8	345	90.8	80.0	56.5	45.5	45.5	22,035		
3 YR	3	2	66.7	2	100.0	100.0	100.0	100.0	100.0	-		
1 YR	16	10	62.5	9	90.0	66.7	66.7	44.4	44.4	22,286		
1 YR	41	31	75.6	30	96.8	86.7	63.3	58.2	58.2	17,035		
2 YR	273	219	80.2	201	91.8	83.1	70.6	58.2	58.2	20,491		
	333	262	78.7	242	92.4	83.1	70.2	58.7	58.7	20,250		
3 YR	12	10	83.3	9	90.0	88.9	77.8	44.4	44.4	23,075		
1 YR	17	15	88.2	10	66.7	70.0	40.0	10.0	10.0	-		
2 YR	20	14	70.0	11	78.6	63.6	63.6	63.6	63.6	26,847		
	49	39	79.6	30	76.9	73.3	60.0	40.0	40.0	25,475		

TABLE A-10 (cont'd)

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

ENGLISH PROGRAMS											
DURATION		TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL TIME	PERCENTAGE EMPLOYED FULL TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$
		#	#	%	#	%	%	%	%	%	
TRAVEL/TOURISM											
FESTIVAL/COMMUNITY EVENTS MANAGEMENT	PD	15	13	86.7	12	92.3	75.0	66.7	41.7		29,827
TOURISM MANAGEMENT	3 YR	54	30	55.6	28	93.3	71.4	50.0	35.7		17,294
TRAVEL AND TOURISM	2 YR	498	366	73.5	317	86.6	88.3	74.1	49.2		16,468
TRAVEL COUNSELLOR	1 YR	7	1	14.3	1	-	-	-	-		-
TOTAL		574	410	71.4	358	87.3	86.6	72.1	48.0		16,851
TOTAL ENGLISH PROGRAMS		8,277	6,681	80.7	5,578	83.5	78.6	64.4	48.9		21,960
FRENCH PROGRAMS											
ACCOUNTING/FINANCE											
BUSINESS - ACCOUNTING	2 YR	4	4	100.0	3	75.0	100.0	66.7	33.3		-
BUSINESS ADMINISTRATION - ACCOUNTING	3 YR	19	17	89.5	15	88.2	93.3	80.0	53.3		21,786
BUSINESS ADMINISTRATION - FINANCE	3 YR	2	2	100.0	2	100.0	50.0	50.0	50.0		-
TOTAL		25	23	92.0	20	87.0	90.0	75.0	50.0		20,889
BUSINESS COMPUTER											
BUS. ADMIN. - INFORMATION SYSTEMS	3 YR	7	7	100.0	6	85.7	100.0	100.0	83.3		23,021
BUSINESS - INFORMATION SYSTEMS	2 YR	2	2	100.0	2	100.0	50.0	50.0	50.0		-
COMPUTER OPERATOR	1 YR	21	13	61.9	11	84.6	36.4	36.4	9.1		18,563
COMPUTER PROGRAMMER	2 YR	7	5	71.4	5	100.0	40.0	20.0	20.0		44,300
TOTAL		37	27	73.0	24	88.9	54.2	50.0	33.3		24,618
BUSINESS LEGAL											
LEGAL ASSISTANT	2 YR	12	8	66.7	8	100.0	75.0	75.0	25.0		14,453
LEGAL TECHNICIAN - CIVIL	2 YR	14	11	78.6	10	90.9	90.0	80.0	60.0		26,580
TOTAL		26	19	73.1	18	94.7	83.3	77.8	44.4		23,115
BUSINESS MANAGEMENT											
BUSINESS ADMINISTRATION	3 YR	28	24	85.7	20	83.3	90.0	85.0	80.0		20,791
TOTAL		28	24	85.7	20	83.3	90.0	85.0	80.0		20,791
MARKETING/RETAIL SALES											
BUSINESS - MARKETING	2 YR	5	4	80.0	3	75.0	100.0	66.7	33.3		-
BUSINESS ADMINISTRATION - MARKETING	3 YR	13	13	100.0	9	69.2	88.9	66.7	55.6		25,401
TOTAL		18	17	94.4	12	70.6	91.7	66.7	50.0		24,264
OFFICE ADMINISTRATION											
OFFICE ADMINISTRATION - EXECUTIVE	2 YR	22	19	86.4	18	94.7	72.2	72.2	61.1		24,788
OFFICE ADMINISTRATION - GENERAL	1 YR	25	20	80.0	13	65.0	92.3	61.5	61.5		19,974

## OFFICE AND BUSINESS ADMINISTRATION PROGRAMS

FRENCH PROGRAMSOFFICE ADMINISTRATION - HEALTH  
OFFICE ADMINISTRATION - MEDICAL  
TOTAL

## TRAVEL/TOURISM

TRAVEL AND TOURISM  
TOTAL

## TOTAL FRENCH PROGRAMS

BILINGUAL PROGRAMS

## ACCOUNTING/FINANCE

BUSINESS ADMINISTRATION - ACCOUNTING  
TOTAL

## BUSINESS MANAGEMENT

BUSINESS  
BUSINESS ADMINISTRATION  
TOTAL

## MARKETING/RETAIL SALES

BUSINESS ADMINISTRATION - MARKETING  
TOTAL

## OFFICE ADMINISTRATION

OFFICE ADMINISTRATION - EXECUTIVE  
OFFICE ADMINISTRATION - GENERAL  
TOTAL

## TRAVEL/TOURISM

TRAVEL AND TOURISM  
TOTAL

## TOTAL BILINGUAL

TOTAL OFFICE AND BUSINESS  
ADMINISTRATION PROGRAMS

DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	PERCENTAGE FULL TIME GRADS IN LABOUR FORCE	PERCENTAGE EMPLOYED FULL TIME	AVERAGE PERCENTAGE EMPLOYED	EMPLOYED FULL TIME %	IN RELATED JOB %	ANNUAL SALARY \$
2 YR	8	7	87.5	85.7	83.3	66.7	66.7	24,412
	8	7	87.5	85.7	83.3	66.7	66.7	24,412
2 YR	13	12	92.3	83.3	90.0	70.0	50.0	14,603
	13	12	92.3	83.3	90.0	70.0	50.0	14,603
	202	168	83.2	83.9	80.9	69.5	53.9	22,034
3 YR	8	8	100.0	25.0	100.0	100.0	100.0	-
	8	8	100.0	25.0	100.0	100.0	100.0	-
2 YR	1	-	-	-	-	-	-	-
3 YR	6	4	66.7	100.0	75.0	25.0	25.0	33,000
	7	4	57.1	100.0	75.0	25.0	25.0	33,000
3 YR	8	7	87.5	42.9	66.7	66.7	66.7	-
	8	7	87.5	42.9	66.7	66.7	66.7	-
2 YR	18	14	77.8	78.6	81.8	72.7	54.5	22,170
1 YR	5	3	60.0	-	-	-	-	-
	23	17	73.9	70.6	83.3	75.0	50.0	22,170
2 YR	2	2	100.0	100.0	100.0	50.0	50.0	-
	2	2	100.0	100.0	100.0	50.0	50.0	-
	48	38	79.2	60.5	82.6	65.2	52.2	22,678
	8,527	6,887	80.8	83.4	78.7	64.6	49.1	21,966

Note: See Appendix F for a list of abbreviations used in this table.



TABLE A-11

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF LAWYERS AND NOTARIES	233	15	248	5.9
FOOD SERVICES	130	58	188	4.5
GENERAL MERCHANDISE STORES	103	78	181	4.3
FOOD STORES	90	79	169	4.0
GENERAL ADMINISTRATIVE SERVICES	146	12	158	3.7
TRAVEL SERVICES	129	16	145	3.4
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	109	33	142	3.4
INSURANCE AND REAL ESTATE AGENCIES	124	11	135	3.2
HOSPITALS	80	40	120	2.8
COMPUTER AND RELATED SERVICES	107	1	108	2.6
ACCOUNTING AND BOOKKEEPING SERVICES	83	13	96	2.3
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	63	23	86	2.0
OTHER BUSINESS SERVICES	75	6	81	1.9
WOMEN'S CLOTHING STORES	47	16	63	1.5
HOTELS, MOTELS AND TOURIST COURTS	52	10	62	1.5
ECONOMIC SERVICES ADMINISTRATION	55	4	59	1.4
AUTOMOBILE DEALERS	56	2	58	1.4
HUMAN RESOURCE ADMINISTRATION	53	4	57	1.3
POST-SECONDARY NON-UNIVERSITY EDUCATION	25	32	57	1.3
TRUST COMPANIES	43	7	50	1.2
LIFE INSURERS	47	2	49	1.2
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	31	9	40	0.9
PROTECTIVE SERVICES	35	4	39	0.9
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	16	20	36	0.9
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	31	4	35	0.8
ADVERTISING SERVICES	34	--	34	0.8
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	33	1	34	0.8



TABLE A-11 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
MANAGEMENT CONSULTING SERVICES	30	3	33	0.8
OTHER STORAGE AND WAREHOUSING INDUSTRIES	19	12	31	0.7
NON-INSTITUTIONAL SOCIAL SERVICES	20	9	29	0.7
OTHER RETAIL STORES	22	7	29	0.7
CENTRAL BANK	22	5	27	0.6
CLOTHING STORES N.E.C.	19	7	26	0.6
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	23	1	24	0.6
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	23	1	24	0.6
PROPERTY AND CASUALTY INSURERS	23	1	24	0.6
BUSINESS FINANCING COMPANIES	20	2	22	0.5
GASOLINE SERVICE STATIONS	15	7	22	0.5
POSTAL AND COURIER SERVICE INDUSTRIES	16	6	22	0.5
SHOE STORES	18	4	22	0.5
APPLIANCE, TELEVISION, RADIO AND STEREO STORES	20	1	21	0.5
AUTOMOBILE AND TRUCK RENTAL AND LEASING SERVICES	17	4	21	0.5
ELECTRIC POWER SYSTEMS INDUSTRY	20	1	21	0.5
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	21	--	21	0.5
SPORTS AND RECREATION CLUBS AND SERVICES	17	4	21	0.5
AIR TRANSPORT INDUSTRIES	18	2	20	0.5
FOOD, WHOLESALE	17	3	20	0.5
NON-INSTITUTIONAL HEALTH SERVICES	17	3	20	0.5
OPERATORS OF BUILDINGS AND DWELLINGS	18	2	20	0.5
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	19	1	20	0.5
RESIDENTIAL BUILDING AND DEVELOPMENT	19	1	20	0.5
COMMERCIAL PRINTING INDUSTRIES	13	6	19	0.4
ELEMENTARY AND SECONDARY EDUCATION	14	5	19	0.4
MEN'S CLOTHING STORES	17	2	19	0.4
TELECOMMUNICATION BROADCASTING INDUSTRIES	19	--	19	0.4

TABLE A-11 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
COMBINED PUBLISHING AND PRINTING INDUSTRIES	17	1	18	0.4
DEFENCE SERVICES	13	4	17	0.4
HOUSEHOLD FURNITURE STORES	14	3	17	0.4
OTHER SERVICES N.E.C.	16	1	17	0.4
SECURITY BROKERS AND DEALERS	15	2	17	0.4
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	16	--	16	0.4
SPORTING GOODS AND BICYCLE SHOPS	14	2	16	0.4
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	15	--	15	0.4
TELECOMMUNICATION CARRIERS INDUSTRY	15	--	15	0.4
MEDICAL AND OTHER HEALTH LABORATORIES	11	3	14	0.3
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	11	3	14	0.3
MOTOR VEHICLE INDUSTRY	12	2	14	0.3
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	12	2	14	0.3
PUBLIC PASSENGER TRANSIT SYSTEMS INDUSTRIES	13	1	14	0.3
SITE WORK	14	--	14	0.3
TRUCK TRANSPORT INDUSTRIES	13	1	14	0.3
UNIVERSITY EDUCATION	11	3	14	0.3
BOOK AND STATIONERY STORES	11	2	13	0.3
MOTOR VEHICLE REPAIR SHOPS	12	1	13	0.3
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	13	--	13	0.3
OTHER SERVICES INCIDENTAL TO CONSTRUCTION	10	3	13	0.3
LABOUR, EMPLOYMENT AND IMMIGRATION SERVICES	12	--	12	0.3
BUSINESS ASSOCIATIONS	10	1	11	0.3
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	9	2	11	0.3
PORTFOLIO INVESTMENT INTERMEDIARIES	11	--	11	0.3
PUBLISHING INDUSTRIES	11	--	11	0.3
SERVICES TO BUILDINGS AND DWELLINGS	8	3	11	0.3
TOY, HOBBY, NOVELTY AND SOUVENIR STORES	9	2	11	0.3
AUTOMOTIVE PARTS AND ACCESSORIES STORES	9	1	10	0.2
CREDIT UNIONS	8	2	10	0.2
JEWELLERY STORES AND WATCH AND JEWELLERY REPAIR SHOPS	7	3	10	0.2

TABLE A-11 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
LABOUR AND EMPLOYMENT SERVICES	9	1	10	0.2
LUMBER AND BUILDING MATERIALS, WHOLESALE MACHINERY AND EQUIPMENT RENTAL AND LEASING SERVICES	10	--	10	0.2
OFFICES OF OTHER HEALTH PRACTITIONERS	9	1	10	0.2
OTHER CONVERTED PAPER PRODUCTS INDUSTRIES	8	2	10	0.2
OTHER FOOD PRODUCTS INDUSTRIES	8	2	10	0.2
SCIENTIFIC AND PROFESSIONAL EQUIPMENT INDUSTRIES	9	1	10	0.2
	10	--	10	0.2
<b>SUB-TOTAL</b>	<b>3,001</b>	<b>655</b>	<b>3,656</b>	<b>86.6</b>
<b>OTHER</b>	<b>506</b>	<b>62</b>	<b>568</b>	<b>13.4</b>
<b>TOTAL**</b>	<b>3,507</b>	<b>717</b>	<b>4,224</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-12

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SECRETARIES & STENOGRAPHERS	497	70	567	13.4
BOOKKEEPERS & ACCOUNTING CLERKS	324	37	361	8.5
TELLERS & CASHIERS	163	111	274	6.5
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	235	8	243	5.7
SALES CLERKS, COMMODITIES	139	89	228	5.4
GENERAL OFFICE CLERKS	139	35	174	4.1
RECEPTIONISTS & INFORMATION CLERKS	120	30	150	3.5
TRAVEL CLERKS, TICKET, STATION & FREIGHT AGENTS	122	17	139	3.3
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES OCCUPATIONS IN LAW & JURISPRUDENCE, N.E.C.	132	5	137	3.2
FOOD & BEVERAGE SERVING OCCUPATIONS	102	9	111	2.6
EDP EQUIPMENT OPERATORS	55	47	102	2.4
COLLECTORS	80	9	89	2.1
SALES WORKERS, COMMODITIES, N.E.C.	61	23	84	2.0
ACCOUNTANTS, AUDITORS & OTHER FINANCIAL OFFICERS	66	18	84	2.0
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	66	5	71	1.7
LIBRARY & FILE CLERKS	61	8	69	1.6
INSURANCE, BANK & OTHER FINANCE CLERKS	46	14	60	1.4
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	46	8	54	1.3
COMMERCIAL TRAVELLERS	45	8	53	1.3
PERSONNEL CLERKS	44	5	49	1.2
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	45	2	47	1.1
RELATED SERVICES OCCUPATIONS	34	2	36	0.9
TYPEISTS & CLERK-TYPISTS	30	6	36	0.9
PERSONNEL AND RELATED OFFICERS	34	1	35	0.8
STOCK CLERKS & RELATED OCCUPATIONS	25	10	35	0.8
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	32	2	34	0.8
PRODUCTION CLERKS	31	2	33	0.8

TABLE A-12 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SHIPPING & RECEIVING CLERKS	31	2	33	0.8
OTHER MANAGERS & ADMINISTRATORS, N.E.C.	26	2	28	0.7
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	18	8	26	0.6
HOTEL CLERKS	20	4	24	0.6
LIBRARY, FILE & CORRESPONDENCE CLERKS & RELATED OCCUPATIONS	20	1	21	0.5
SALES & ADVERTISING MANAGEMENT OCCUPATIONS	21	--	21	0.5
SERVICE MANAGEMENT OCCUPATIONS	17	2	19	0.4
ADVERTISING SALES OCCUPATIONS	18	--	18	0.4
OTHER SALES OCCUPATIONS, N.E.C.	15	3	18	0.4
BARTENDERS	10	7	17	0.4
SUPERVISORS, BOOKKEEPING, ACCOUNT-RECORDING & RELATED OCCUPATIONS	15	2	17	0.4
CHEFS & COOKS	11	5	16	0.4
INSURANCE SALES OCCUPATION & AGENT	16	--	16	0.4
SERVICE STATION ATTENDANTS	14	2	16	0.4
BOOKKEEPING ACCOUNTING - RECORDING & RELATED OCCUPATIONS	13	--	13	0.3
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	10	3	13	0.3
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	12	--	12	0.3
INSTRUCTORS & TRAINING OFFICERS, N.E.C.	11	1	12	0.3
ADJUSTERS, CLAIM	11	--	11	0.3
AIR TRANSPORT OPERATING SUPPORT OCCUPATIONS	11	--	11	0.3
BUSINESS SERVICE SALES OCCUPATIONS	9	2	11	0.3
ECONOMIST	11	--	11	0.3

TABLE A-12 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
GUARDS & RELATED SECURITY OCCUPATIONS	8	3	11	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING, ASSEMBLING & REPAIRING, N.E.C.	9	1	10	0.2
OTHER OCCUPATIONS IN MEDICINE & HEALTH, N.E.C.	4	6	10	0.2
PURCHASING MANAGEMENT OCCUPATION	8	2	10	0.2
TELEPHONE OPERATOR	2	8	10	0.2
<b>SUB-TOTAL</b>	<b>3,145</b>	<b>645</b>	<b>3,790</b>	<b>89.7</b>
<b>OTHER</b>	<b>364</b>	<b>73</b>	<b>437</b>	<b>10.3</b>
<b>TOTAL**</b>	<b>3,509</b>	<b>718</b>	<b>4,227</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-13

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, HEALTH TECHNOLOGY PROGRAMS, 1992

ENGLISH PROGRAMS								
DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	GRADS IN LABOUR FORCE #	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$	
ANIMAL CARE								
1 YR	50	48	39	81.3	89.7	71.8	46.2	14,000
2 YR	6	6	6	100.0	83.3	50.0	50.0	12,621
1 YR	5	5	0	0.0	-	-	-	-
2 YR	5	5	3	60.0	100.0	33.3	33.3	-
2 YR	57	28	27	96.4	88.9	81.5	77.8	20,425
3 YR	26	25	23	92.0	95.7	82.6	78.3	20,597
TOTAL	149	117	98	83.8	90.8	74.5	62.2	18,253
HEALTH - MISCELLANEOUS								
1 YR	324	239	232	97.1	84.5	50.4	31.0	31,972
PD	28	15	15	100.0	86.7	73.3	73.3	25,425
2 YR	71	65	64	98.5	93.8	84.4	81.3	25,959
TOTAL	423	319	311	97.5	86.5	58.5	43.4	29,181
HEALTH TECHNOLOGY								
3 YR	20	6	5	83.3	100.0	80.0	80.0	47,029
1 YR	487	393	372	94.7	86.8	71.5	65.6	20,015
2 YR	212	171	170	99.4	92.4	51.8	50.6	50,805
PD	7	2	2	100.0	100.0	50.0	50.0	-
3 YR	18	16	14	87.5	92.9	92.9	85.7	21,929
3 YR	14	10	8	80.0	87.5	62.5	62.5	35,214
PD	37	19	19	100.0	100.0	78.9	68.4	38,741
3 YR	200	124	118	95.2	77.1	44.1	38.1	29,430
3 YR	17	12	11	91.7	100.0	72.7	72.7	37,224
2 YR	53	53	52	98.1	98.1	96.2	96.2	28,152
2 YR	27	17	16	94.1	93.8	81.3	75.0	28,295
1 YR	120	87	84	96.6	84.5	63.1	59.5	22,009
3 YR	27	22	21	95.5	100.0	100.0	100.0	37,121
2 YR	99	84	70	83.3	88.6	45.7	38.6	32,027
3 YR	2	1	1	-	-	-	-	-
3 YR	50	36	36	100.0	97.2	88.9	86.1	34,792
TOTAL	1,390	1,053	999	94.9	88.5	65.5	61.1	29,171
TOTAL ENGLISH PROGRAMS	1,962	1,489	1,408	94.6	88.2	64.6	57.2	28,306

TABLE A-13 (cont'd)

## HEALTH TECHNOLOGY PROGRAMS

<u>FRENCH PROGRAMS</u>		TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>HEALTH - MISCELLANEOUS</b>									
AMBULANCE AND EMERGENCY CARE									
	1 YR	28	11	39.3	10	90.9	90.0	30.0	30,918
<b>TOTAL</b>		<b>28</b>	<b>11</b>	<b>39.3</b>	<b>10</b>	<b>90.9</b>	<b>90.0</b>	<b>30.0</b>	<b>30,918</b>
<b>HEALTH TECHNOLOGY</b>									
DENTAL ASSISTANT		13	0	0.0	0	-	-	-	-
DENTAL HYGIENE		29	15	51.7	15	100.0	100.0	46.7	45,164
MEDICAL LABORATORY TECHNOLOGY		8	8	100.0	8	100.0	75.0	50.0	29,220
PHARMACY ASSISTANT		5	5	100.0	5	100.0	100.0	60.0	16,887
RESPIRATORY THERAPY		15	0	0.0	0	-	-	-	-
<b>TOTAL</b>		<b>70</b>	<b>28</b>	<b>40.0</b>	<b>28</b>	<b>100.0</b>	<b>92.9</b>	<b>42.9</b>	<b>36,465</b>
<b>TOTAL FRENCH PROGRAMS</b>		<b>98</b>	<b>39</b>	<b>39.8</b>	<b>38</b>	<b>97.4</b>	<b>92.1</b>	<b>39.5</b>	<b>35,356</b>
<u>BILINGUAL PROGRAMS</u>									
<b>HEALTH TECHNOLOGY</b>									
DENTAL ASSISTANT		6	4	66.7	4	100.0	75.0	50.0	20,336
RADIOGRAPHY		9	9	100.0	9	100.0	100.0	66.7	27,578
<b>TOTAL</b>		<b>15</b>	<b>13</b>	<b>86.7</b>	<b>13</b>	<b>100.0</b>	<b>92.3</b>	<b>53.8</b>	<b>25,509</b>
<b>TOTAL BILINGUAL PROGRAMS</b>		<b>15</b>	<b>13</b>	<b>86.7</b>	<b>13</b>	<b>100.0</b>	<b>92.3</b>	<b>53.8</b>	<b>25,509</b>
<b>TOTAL HEALTH TECHNOLOGY PROGRAMS</b>		<b>2,075</b>	<b>1,541</b>	<b>74.3</b>	<b>1,459</b>	<b>94.7</b>	<b>88.3</b>	<b>56.8</b>	<b>28,419</b>

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-14

# DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, HEALTH TECHNOLOGY PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	334	101	435	36.0
HOSPITALS	151	63	214	17.7
NON-INSTITUTIONAL HEALTH SERVICES	74	60	134	11.1
OTHER RETAIL STORES	56	4	60	5.0
FUNERAL SERVICES	52	5	57	4.7
SERVICES INCIDENTAL TO LIVESTOCK AND ANIMAL SPECIALTIES	43	5	48	4.0
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	32	10	42	3.5
MEDICAL AND OTHER HEALTH LABORATORIES	31	8	39	3.2
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	12	7	19	1.6
FOOD STORES	6	12	18	1.5
OFFICES OF OTHER HEALTH PRACTITIONERS	9	3	12	1.0
FOOD SERVICES	7	3	10	0.8
<b>SUB-TOTAL</b>	<b>807</b>	<b>281</b>	<b>1,088</b>	<b>90.1</b>
<b>OTHER</b>	<b>85</b>	<b>35</b>	<b>120</b>	<b>9.9</b>
<b>TOTAL**</b>	<b>892</b>	<b>316</b>	<b>1,208</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-15

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HEALTH TECHNOLOGY PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
DENTURISTS, DENTAL HYGIENISTS, DENTAL ASSISTANTS OTHER OCCUPATIONS IN MEDICINE & HEALTH, N.E.C.	308 131	102 21	410 152	33.8 12.5
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	70 59	62 34	132 93	10.9 7.7
MEDICAL LABORATORY TECHNOLOGISTS & TECHNICIANS FUNERAL DIRECTORS, EMBALMERS & RELATED OCCUPATIONS	52 31 32 33	6 18 6 --	58 49 38 33	4.8 4.0 3.1 2.7
RADIOLOGICAL TECHNICIANS RECEPTIONISTS & INFORMATION CLERKS DISPENSING OPTICIANS PHYSIOTHERAPIST, OCCUPATIONAL & OTHER THERAPISTS	28 17 17 9 13 7 5 4	3 2 1 8 3 5 5 6	31 19 18 17 16 12 10 10	2.6 1.6 1.5 1.4 1.3 1.0 0.8 0.8
DIETITIAN & NUTRITIONIST ABRADING & POLISHING OCCUPATION:CLAY, GLA SALES CLERKS, COMMODITIES FORMING OCCUPATION: CLAY, GLASS & STONE OTHER TEACHING & RELATED OCCUPATIONS, N.E.C. FOOD & BEVERAGE SERVING OCCUPATIONS TELLERS & CASHIERS				
<b>SUB-TOTAL</b>	<b>816</b>	<b>282</b>	<b>1,098</b>	<b>90.4</b>
<b>OTHER</b>	<b>80</b>	<b>36</b>	<b>116</b>	<b>9.6</b>
<b>TOTAL</b>	<b>896</b>	<b>318</b>	<b>1,214</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, NURSING AND RELATED PROGRAMS, 1992

		DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE #	%	PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL TIME %	PERCENTAGE EMPLOYED IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
<b>ENGLISH PROGRAMS</b>											
<b>NURSING RELATED</b>											
COMMUNITY GERONTOLOGY		2 YR	9	7	77.8	5	71.4	80.0	60.0	40.0	29,600
INTERNATIONAL HEALTH SERVICE		PD	2	2	100.0	2	100.0	100.0	100.0	50.0	-
NURSING		3 YR	2,215	1,751	79.1	1,650	94.2	83.1	49.4	45.2	29,453
NURSING ASSISTANT		1 YR	982	706	71.9	660	93.5	87.6	37.9	33.0	24,019
REG. NURS. ASST. - PSYCHIATRIC NURSING		PD	17	10	58.8	9	90.0	88.9	55.6	55.6	23,952
REG. NURSE - CRITICAL CARE NURSING		PD	11	0	0.0	0	-	-	-	-	-
REG. NURSING ASST. - OPERATING ROOM		PD	10	9	90.0	9	100.0	88.9	88.9	55.6	29,028
REGISTERED NURSE - OPERATING ROOM		PD	15	0	0.0	0	-	-	-	-	-
<b>TOTAL</b>			<b>3,261</b>	<b>2,485</b>	<b>76.2</b>	<b>2,335</b>	<b>94.0</b>	<b>84.4</b>	<b>46.4</b>	<b>41.8</b>	<b>28,207</b>
<b>TOTAL ENGLISH PROGRAMS</b>			<b>3,261</b>	<b>2,485</b>	<b>76.2</b>	<b>2,335</b>	<b>94.0</b>	<b>84.4</b>	<b>46.4</b>	<b>41.8</b>	<b>28,207</b>
<b>FRENCH PROGRAMS</b>											
<b>NURSING RELATED</b>											
NURSING		3 YR	60	50	83.3	44	88.0	84.1	40.9	40.9	29,081
NURSING ASSISTANT		1 YR	22	10	45.5	10	100.0	100.0	50.0	50.0	19,760
<b>TOTAL</b>			<b>82</b>	<b>60</b>	<b>73.2</b>	<b>54</b>	<b>90.0</b>	<b>87.0</b>	<b>42.6</b>	<b>42.6</b>	<b>27,055</b>
<b>TOTAL FRENCH PROGRAMS</b>			<b>82</b>	<b>60</b>	<b>73.2</b>	<b>54</b>	<b>90.0</b>	<b>87.0</b>	<b>42.6</b>	<b>42.6</b>	<b>27,055</b>
<b>BILINGUAL PROGRAMS</b>											
<b>NURSING RELATED</b>											
NURSING		3 YR	13	12	92.3	12	100.0	83.3	25.0	25.0	25,679
NURSING ASSISTANT		1 YR	26	24	92.3	20	83.3	85.0	55.0	50.0	20,085
<b>TOTAL</b>			<b>39</b>	<b>36</b>	<b>92.3</b>	<b>32</b>	<b>88.9</b>	<b>84.4</b>	<b>43.8</b>	<b>40.6</b>	<b>21,376</b>
<b>TOTAL BILINGUAL PROGRAMS</b>			<b>39</b>	<b>36</b>	<b>92.3</b>	<b>32</b>	<b>88.9</b>	<b>84.4</b>	<b>43.8</b>	<b>40.6</b>	<b>21,376</b>
<b>TOTAL NURSING AND RELATION PROGRAMS</b>			<b>3,382</b>	<b>2,581</b>	<b>76.3</b>	<b>2,421</b>	<b>93.8</b>	<b>84.5</b>	<b>46.3</b>	<b>41.8</b>	<b>28,082</b>

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-17

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
NURSING AND RELATED PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
HOSPITALS	597	351	948	48.2
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	199	249	448	22.8
NON-INSTITUTIONAL HEALTH SERVICES	58	60	118	6.0
OFFICES OF OTHER HEALTH PRACTITIONERS	21	56	77	3.9
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	30	26	56	2.8
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	29	16	45	2.3
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	16	24	40	2.0
FOOD SERVICES	15	14	29	1.5
NON-INSTITUTIONAL SOCIAL SERVICES	10	11	21	1.1
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	8	12	20	1.0
FOOD STORES	8	10	18	0.9
HUMAN RESOURCE ADMINISTRATION	10	8	18	0.9
GENERAL MERCHANDISE STORES	8	6	14	0.7
<b>SUB-TOTAL</b>	<b>1,009</b>	<b>843</b>	<b>1,852</b>	<b>94.2</b>
<b>OTHER</b>	<b>79</b>	<b>36</b>	<b>115</b>	<b>5.8</b>
<b>TOTAL**</b>	<b>1,088</b>	<b>879</b>	<b>1,976</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.



TABLE A-18

# DISTRIBUTION OF EMPLOYMENT BY OCCUPATION, NURSING AND RELATED PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NURSES, GRADUATE, EXCEPT SUPERVISORS	657	410	1,067	54.1
REGISTERED NURSING ASSISTANTS	230	271	501	25.4
NURSING ATTENDANTS	67	84	151	7.7
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	16	16	32	1.6
TELLERS & CASHIERS	11	14	25	1.3
FOOD & BEVERAGE SERVING OCCUPATIONS	9	14	23	1.2
SALES CLERKS, COMMODITIES	8	12	20	1.0
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	10	6	16	0.8
SUPERVISOR, NURSING OCCUPATIONS	7	7	14	0.7
<b>SUB-TOTAL</b>	<b>1,015</b>	<b>834</b>	<b>1,849</b>	<b>93.8</b>
<b>OTHER</b>	<b>78</b>	<b>44</b>	<b>122</b>	<b>6.2</b>
<b>TOTAL**</b>	<b>1,093</b>	<b>878</b>	<b>1,971</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-19

# EMPLOYMENT PICTURE OF COLLEGE GRADUATES, TECHNOLOGY PROGRAMS, 1992

ENGLISH PROGRAMS												
TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL TIME		PERCENTAGE EMPLOYED IN RELATED JOB		AVERAGE ANNUAL SALARY
DURATION	#	#	%	#	%	%	%	%	%	%	\$	
ARCHITECTURAL												
2 YR	216	203	94.0	102	50.2	76.5	60.8	25.5			23,789	
3 YR	257	202	78.6	169	83.7	73.4	65.7	45.0			22,607	
TOTAL	473	405	85.6	271	66.9	74.5	63.8	37.6			22,854	
AUTOMOTIVE												
2 YR	50	32	64.0	26	81.3	88.5	76.9	57.7			21,042	
2 YR	107	79	73.8	70	88.6	78.6	65.7	51.4			19,263	
1 YR	54	49	90.7	28	57.1	75.0	53.6	28.6			21,062	
1 YR	7	1	14.3	1	-	-	-	-			-	
1 YR	9	8	88.9	8	100.0	62.5	25.0	25.0			15,643	
TOTAL	227	169	74.4	133	78.7	78.2	62.4	45.9			19,803	
AVIATION (FLIGHT)												
3 YR	57	33	57.9	29	87.9	75.9	62.1	41.4			22,716	
PD	17	15	88.2	14	93.3	71.4	64.3	21.4			17,943	
TOTAL	74	48	64.9	43	89.6	74.4	62.8	34.9			22,034	
AVIATION (MAINTENANCE)												
3 YR	15	13	86.7	11	84.6	81.8	72.7	54.5			25,491	
2 YR	143	124	86.7	118	95.2	72.9	66.1	38.1			19,061	
2 YR	42	30	71.4	25	83.3	64.0	52.0	24.0			24,307	
TOTAL	200	167	83.5	154	92.2	72.1	64.3	37.0			20,206	
CHEMICAL/BIOLOGICAL												
2 YR	63	56	88.9	38	67.9	57.9	44.7	26.3			22,615	
3 YR	194	165	85.1	149	90.3	82.6	77.2	64.4			27,318	
2 YR	10	5	50.0	5	100.0	60.0	60.0	60.0			27,539	
3 YR	13	12	92.3	12	100.0	75.0	66.7	50.0			27,342	
1 YR	12	8	66.7	5	62.5	40.0	40.0	0.0			-	
3 YR	6	6	100.0	6	100.0	100.0	100.0	100.0			33,464	
TOTAL	298	252	84.6	215	85.3	76.7	70.2	56.3			27,319	
CIVIL												
2 YR	100	78	78.0	44	56.4	61.4	54.5	36.4			25,974	
3 YR	205	145	70.7	125	86.2	69.6	67.2	51.2			27,503	
2 YR	96	84	87.5	54	64.3	72.2	64.8	48.1			30,142	
3 YR	110	88	80.0	74	84.1	78.4	70.3	56.8			24,265	
1 YR	12	11	91.7	6	54.5	66.7	50.0	33.3			16,425	

# TECHNOLOGY PROGRAMS

TABLE A-19 (cont'd)

## ENGLISH PROGRAMS

CIVIL (Cont'd)													
GEOGRAPHIC INFORMATION SYSTEMS GEOGRAPHIC INFORMATION SYSTEMS TECH GEOGRAPHIC INFORMATION SYSTEMS TECH SURVEY TECHNICIAN SURVEY TECHNOLOGY	PD	2	2	100.0	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
	2 YR	17	6	35.3	6	35.3	100.0	100.0	83.3	16.7	16.7	16.7	19,554
	3 YR	18	16	88.9	16	88.9	100.0	100.0	56.3	56.3	56.3	56.3	24,898
	2 YR	29	17	58.6	12	70.6	91.7	83.3	58.3	58.3	58.3	58.3	23,805
	3 YR	4	4	100.0	4	100.0	0.0	0.0	0.0	0.0	0.0	0.0	-
TOTAL		593	451	76.1	343	76.1	71.7	65.3	49.3	49.3	49.3	49.3	26,679
DRAFTING													
DESIGN ARTS - INDUSTRIAL DESIGN ARTS - INDUSTRIAL DESIGN DRAFTING TECHNICIAN INDUSTRIAL DESIGN	3 YR	14	11	78.6	11	78.6	100.0	90.9	72.7	45.5	45.5	45.5	18,529
	2 YR	4	3	75.0	1	-	-	-	-	-	-	-	-
	2 YR	106	79	74.5	61	77.2	60.7	54.1	31.1	31.1	31.1	31.1	23,611
	3 YR	6	6	100.0	6	100.0	100.0	83.3	66.7	66.7	66.7	66.7	22,268
TOTAL		130	99	76.2	79	79.8	68.4	59.5	35.4	35.4	35.4	35.4	22,540
ELECTRONICS													
COMPUTER ENGINEERING TECHNICIAN COMPUTER ENGINEERING TECHNOLOGY COMPUTER SYSTEMS TECHNICIAN COMPUTER SYSTEMS TECHNOLOGY ELECTRICAL ENGINEERING TECHNICIAN ELECTRICAL ENGINEERING TECHNOLOGY ELECTRONICS ENGINEERING - BIOMEDICAL ELECTRONICS ENGINEERING TECHNICIAN ELECTRONICS ENGINEERING TECHNOLOGY ELECTRONICS TECHN - GENERAL SERVICING	2 YR	4	2	50.0	0	0.0	0.0	-	-	-	-	-	-
	3 YR	73	65	89.0	57	87.7	78.9	73.7	63.2	63.2	63.2	63.2	28,263
	2 YR	16	14	87.5	13	92.9	84.6	84.6	69.2	69.2	69.2	69.2	24,353
	3 YR	20	17	85.0	16	94.1	68.8	68.8	68.8	68.8	68.8	68.8	27,064
	2 YR	161	128	79.5	87	68.0	56.3	49.4	31.0	31.0	31.0	31.0	25,395
	3 YR	80	75	93.8	56	74.7	69.6	64.3	44.6	44.6	44.6	44.6	28,778
	PD	9	7	77.8	7	100.0	71.4	57.1	57.1	57.1	57.1	57.1	34,514
	2 YR	435	354	81.4	263	74.3	63.5	56.7	37.6	37.6	37.6	37.6	23,730
	3 YR	327	254	77.7	219	86.2	79.5	74.4	63.5	63.5	63.5	63.5	26,561
	2 YR	27	20	74.1	18	90.0	77.8	66.7	38.9	38.9	38.9	38.9	18,214
TOTAL		1,152	936	81.3	736	78.6	70.0	64.0	48.5	48.5	48.5	48.5	25,917

TABLE A-19 (cont'd)

## TECHNOLOGY PROGRAMS

ENGLISH PROGRAMS												
DURATION		TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL TIME	PERCENTAGE EMPLOYED IN RELATED JOB	AVERAGE ANNUAL SALARY \$		
		#	%	#	%	%	%	%	%			
INDUSTRIAL												
INDUSTRIAL ENGINEERING TECHNICIAN	2 YR	47	38	80.9	36	94.7	66.7	63.9	50.0	22,980		
INDUSTRIAL ENGINEERING TECHNOLOGY	3 YR	6	6	100.0	4	66.7	75.0	75.0	50.0	27,972		
INDUSTRIAL ENGINEERING TECHY - MGT	3 YR	16	13	81.3	11	84.6	63.6	63.6	45.5	33,371		
SAFETY ENGINEERING TECHNOLOGY	3 YR	7	7	100.0	7	100.0	100.0	85.7	85.7	32,106		
TOTAL		76	64	84.2	58	90.6	70.7	67.2	53.4	26,870		
INSTRUMENTATION												
INSTRUMENTATION ENG. TECHNIQUES	1 YR	40	36	90.0	35	97.2	65.7	60.0	20.0	26,867		
INSTRUMENTATION ENGINEERING TECHN	2 YR	62	57	91.9	51	89.5	56.9	47.1	37.3	26,025		
INSTRUMENTATION ENGINEERING TECHY	3 YR	44	39	88.6	39	100.0	66.7	61.5	38.5	31,857		
TOTAL		146	132	90.4	125	94.7	62.4	55.2	32.8	28,284		
MACHINING												
MACHINE SHOP	1 YR	78	30	38.5	20	66.7	60.0	45.0	25.0	28,361		
MECH. ENG TECHN - TOOL & MACHINE DES'N	2 YR	129	97	75.2	87	89.7	73.6	70.1	47.1	21,748		
MECH. ENG TECHY - TOOL & MACHINE DES'N	3 YR	8	7	87.5	7	100.0	42.9	42.9	28.6	22,526		
TOTAL		215	134	62.3	114	85.1	69.3	64.0	42.1	22,500		
MARINE												
MARINA TECHNIQUES	1 YR	3	3	100.0	2	66.7	50.0	50.0	50.0	-		
MARINA TECHNOLOGY	3 YR	14	12	85.7	12	100.0	100.0	100.0	91.7	22,109		
MARINE ENGINEERING TECHNOLOGY	3 YR	49	45	91.8	44	97.8	93.2	93.2	93.2	35,837		
UNDERWATER SKILLS	1 YR	33	8	24.2	7	87.5	100.0	85.7	57.1	30,139		
TOTAL		99	68	68.7	65	95.6	93.8	92.3	87.7	32,373		
MECHANICAL												
ELECTRO-MECHANICAL ENGINEERING TECHN	2 YR	43	36	83.7	16	44.4	56.3	50.0	18.8	17,729		
ELECTRO-MECHANICAL ENGINEERING TECHY	3 YR	14	13	92.9	12	92.3	83.3	83.3	75.0	28,423		
HEATING, AIR COND. & REFRIG. TECHN	2 YR	66	50	75.8	38	76.0	81.6	76.3	55.3	24,793		
HEATING, AIR COND. & REFRIG. TECHY	3 YR	13	10	76.9	7	70.0	85.7	71.4	57.1	24,653		
MANUFACTURING ENGINEERING TECHNICIAN	2 YR	15	9	60.0	6	66.7	66.7	66.7	33.3	42,193		
MANUFACTURING ENGINEERING TECHNOLOGY	3 YR	20	11	55.0	10	90.9	70.0	70.0	60.0	26,136		
MECHANICAL ENGINEERING TECHNICIAN	2 YR	45	36	80.0	27	75.0	74.1	70.4	48.1	24,407		
MECHANICAL ENGINEERING TECHNOLOGY	3 YR	253	206	81.4	178	86.4	78.1	75.3	60.1	26,706		
MECHANICAL TECHNIQUES	1 YR	13	10	76.9	8	80.0	87.5	87.5	37.5	28,744		
TOTAL		482	381	79.0	302	79.3	77.2	73.8	55.6	26,487		

[illegible][illegible]



TABLE A-19 (cont'd)

## TECHNOLOGY PROGRAMS

PERCENTAGE EMPLOYED IN RELATED JOB										
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# DISTRIBUTION OF EMPLOYMENT BY INDUSTRY, TECHNOLOGY PROGRAMS, 1992

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	126	3	129	5.7
ECONOMIC SERVICES ADMINISTRATION COMPUTER AND RELATED SERVICES	77	1	78	3.4
GENERAL ADMINISTRATIVE SERVICES	68	2	70	3.1
FOOD SERVICES	64	4	68	3.0
RESIDENTIAL BUILDING AND DEVELOPMENT COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	45	17	62	2.7
AIR TRANSPORT INDUSTRIES	58	--	58	2.6
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	51	--	51	2.2
DEFENCE SERVICES	47	3	50	2.2
ELECTRIC POWER SYSTEMS INDUSTRY	46	--	46	2.0
FOOD STORES	42	--	42	1.9
HIGHWAY AND HEAVY CONSTRUCTION GENERAL MERCHANDISE STORES	15	24	39	1.7
HARDWARE, TOOL AND CUTLERY INDUSTRIES	33	--	33	1.5
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	17	14	31	1.4
SITE WORK	28	--	28	1.2
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE OTHER BUSINESS SERVICES	27	--	27	1.2
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	27	--	27	1.2
HOSPITALS	26	--	26	1.1
PLUMBING, HEATING AND AIR CONDITIONING, MECHANICAL WORK	22	4	26	1.1
SCIENTIFIC AND PROFESSIONAL EQUIPMENT INDUSTRIES	24	--	24	1.1
ELECTRICAL WORK	14	9	23	1.0
GASOLINE SERVICE STATIONS	22	--	22	1.0
	21	1	22	1.0
	19	2	21	0.9
	17	4	21	0.9

TABLE A-20 (cont'd)

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
INDUSTRIAL CONSTRUCTION (OTHER THAN BUILDINGS)	21	--	21	0.9
NON-RESIDENTIAL BUILDING AND DEVELOPMENT	21	--	21	0.9
POST-SECONDARY NON-UNIVERSITY EDUCATION	15	6	21	0.9
PRIMARY STEEL INDUSTRIES	21	--	21	0.9
OTHER SERVICES INCIDENTAL TO CONSTRUCTION	19	1	20	0.9
APPLIANCE, TELEVISION, RADIO AND STEREO STORES	13	5	18	0.8
METAL MINES	18	--	18	0.8
PROJECT MANAGEMENT, CONSTRUCTION	18	--	18	0.8
SPORTS AND RECREATION CLUBS AND SERVICES	17	1	18	0.8
TELECOMMUNICATION CARRIERS INDUSTRY	17	1	18	0.8
INTERIOR AND FINISHING WORK	16	1	17	0.7
PHARMACEUTICAL AND MEDICINE INDUSTRY	17	--	17	0.7
FORESTRY SERVICES INDUSTRY	15	1	16	0.7
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	13	3	16	0.7
MOTOR VEHICLE INDUSTRY	16	--	16	0.7
OTHER PLASTIC PRODUCTS INDUSTRIES	16	--	16	0.7
PULP AND PAPER INDUSTRIES	16	--	16	0.7
ELECTRICAL INDUSTRIAL EQUIPMENT INDUSTRIES	15	--	15	0.7
MACHINE SHOP INDUSTRY	14	1	15	0.7
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	14	1	15	0.7
OTHER MANUFACTURED PRODUCTS INDUSTRIES	15	--	15	0.7
REFINED PETROLEUM PRODUCTS INDUSTRIES	15	--	15	0.7
SERVICES TO BUILDINGS AND DWELLINGS	15	--	15	0.7
AUTOMOBILE DEALERS	14	--	14	0.6
OTHER UTILITY INDUSTRIES N.E.C.	13	1	14	0.6
AIRCRAFT AND AIRCRAFT PARTS INDUSTRY	13	--	13	0.6
ADVERTISING SERVICES	12	--	12	0.5
BUSINESS ASSOCIATIONS	11	1	12	0.5
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	11	1	12	0.5
HARDWARE AND PLUMBING, HEATING AND AIR CONDITIONING EQUIPMENT AND SUPPLIES, WHOLESALE	11	--	11	0.5
HUMAN RESOURCE ADMINISTRATION	11	1	12	0.5
	8	4	12	0.5

INDUSTRY*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
LUMBER AND BUILDING MATERIALS, WHOLESALE	12	--	12	0.5
MOTOR VEHICLE REPAIR SHOPS	10	2	12	0.5
STRUCTURAL AND RELATED WORK	11	1	12	0.5
WASTE MATERIALS, WHOLESALE	10	2	12	0.5
AUTOMOTIVE PARTS AND ACCESSORIES STORES	8	3	11	0.5
EXTERIOR CLOSE-IN WORK	10	1	11	0.5
OTHER STORAGE AND WAREHOUSING INDUSTRIES	7	4	11	0.5
SASH, DOOR AND OTHER MILLWORK INDUSTRIES	10	1	11	0.5
HEATING EQUIPMENT INDUSTRY	10	--	10	0.4
HOUSEHOLD FURNITURE INDUSTRIES	9	1	10	0.4
OTHER CHEMICAL PRODUCTS INDUSTRIES	10	--	10	0.4
SERVICES INCIDENTAL TO FISHING	10	--	10	0.4
UNIVERSITY EDUCATION	7	3	10	0.4
<b>SUB-TOTAL</b>	<b>1,572</b>	<b>135</b>	<b>1,707</b>	<b>75.2</b>
<b>OTHER</b>	<b>507</b>	<b>55</b>	<b>562</b>	<b>24.8</b>
<b>TOTAL**</b>	<b>2,079</b>	<b>190</b>	<b>2,269</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-21

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
TECHNOLOGY PROGRAMS, 1992

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBU- TION %
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	246	4	250	11.0
DRAFTING OCCUPATIONS	79	4	83	3.7
ELECTRONIC & RELATED EQUIPMENT INSTALLING AND REPAIRING OCCUPATIONS, N.E.C.	65	2	67	3.0
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	66	--	66	2.9
PHYSICAL SCIENCE TECHNOLOGISTS & TECHNICIANS	62	1	63	2.8
SALES CLERKS, COMMODITIES	32	20	52	2.3
AIRCRAFT MECHANICS & REPAIRERS	39	--	39	1.7
ENGINEER OFFICERS, SHIP	39	--	39	1.7
CARPENTERS & RELATED OCCUPATIONS	38	--	38	1.7
LIFE SCIENCE TECHNOLOGISTS & TECHNICIANS	32	2	34	1.5
SALES WORKERS, COMMODITIES, N.E.C.	22	11	33	1.5
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	28	3	31	1.4
OTHER CONSTRUCTION TRADE OCCUPATIONS, N.E.C.	28	1	29	1.3
WIRE COMMUNICATIONS & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	28	1	29	1.3
MOTOR-VEHICLE MECHANICS & REPAIRERS	27	1	28	1.2
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, OTHER CONSTRUCTION TRADES	24	3	27	1.2
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	25	1	26	1.1
INDUSTRIAL, FARM & CONSTRUCTION MACHINERY: MECHANICS & REPAIRERS	24	1	25	1.1
NURSERY & RELATED WORKERS	25	--	25	1.1
SURVEYORS	24	1	25	1.1
INDUSTRIAL ENGINEERS	24	--	24	1.1
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	22	2	24	1.1
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	23	1	24	1.1
TELLERS & CASHIERS	9	15	24	1.1

TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
CHEFS & COOKS	14	9	23	1.0
MACHINIST & MACHINE-TOOL SETTING-UP OCCUPATIONS	21	--	21	0.9
STATIONARY ENGINE & AUXILIARY EQUIPMENT OPERATING & MAINTAINING OCCUPATIONS	21	--	21	0.9
FOOD & BEVERAGE SERVING OCCUPATIONS	12	8	20	0.9
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	15	4	19	0.8
PRECISION-INSTRUMENT MECHANICS & REPAIRERS	18	1	19	0.8
TOOL & DIE-MAKING OCCUPATIONS	18	1	19	0.8
WELDING & FLAME CUTTING OCCUPATIONS	19	--	19	0.8
CABINET & WOOD FURNITURE MAKER	17	1	18	0.8
CONSTRUCTION ELECTRICIANS & REPAIR WORKERS	18	--	18	0.8
JANITORS, CHARWORKERS & CLEANERS	16	2	18	0.8
OTHER PRODUCT FABRICATING, ASSEMBLING & REPAIRING OCCUPATIONS, N.E.C.	18	--	18	0.8
TRUCK DRIVER	15	3	18	0.8
INSPECTING & TESTING OCCUPATION: FABRICATING, ASSEMBLING, INSTALLING & REPAIRING ELECTRICAL, ELECTRONIC & RELATED EQUIPMENT	14	2	16	0.7
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: EXCAVATING, GRADING & PAVING	16	--	16	0.7
POWER STATION OPERATORS	16	--	16	0.7
INSPECTORS & REGULATORY OFFICERS, GOVERNMENT PRODUCT & INTERIOR DESIGNERS	14	1	15	0.7
SHIPPING & RECEIVING CLERKS	14	1	15	0.7
STOCK CLERKS & RELATED OCCUPATIONS	13	2	15	0.7
INSPECTING & TESTING OCCUPATIONS, CONSTRUCTION EXCEPT ELECTRICAL	11	4	15	0.7
MECHANICS & REPAIRERS, EXCEPT ELECTRICAL, N.E.C.	14	--	14	0.6
SERVICE STATION ATTENDANTS	14	--	14	0.6
	9	5	14	0.6

TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ADVERTISING & ILLUSTRATING ARTISTS	13	--	13	0.6
COLLECTORS	10	3	13	0.6
EDP EQUIPMENT OPERATORS	11	2	13	0.6
GENERAL OFFICE CLERKS	10	3	13	0.6
MINING & QUARRYING INCLUD. OIL & GAS FIE	13	--	13	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICES	9	4	13	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: FARMING, HORTICULTURE, AND ANIMAL HUSBANDRY	13	--	13	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING, ASSEMBLING & REPAIRING, N.E.C.	11	2	13	0.6
OTHER OCCUPATIONS IN ARCHITECTURE & ENGINEERING, N.E.C.	13	--	13	0.6
GUARDS & RELATED SECURITY OCCUPATIONS	10	2	12	0.5
MANAGEMENT OCCUPATIONS, CONSTRUCTION OPERATIONS	12	--	12	0.5
RADIO & TV SERVICE REPAIRER	9	3	12	0.5
ELECTRICAL & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	11	--	11	0.5
INSPECTING & TESTING OCCUPATIONS: ELECTRICAL POWER, LIGHTING & WIRE COMMUNICATIONS EQUIPMENT, ERECTING, INSTALLING & REPAIRING	11	--	11	0.5
MECHANICAL ENGINEER	10	1	11	0.5
BOOKKEEPERS & ACCOUNTING CLERKS	10	--	10	0.4
CIVIL ENGINEERS	10	--	10	0.4
COMMERCIAL TRAVELLERS	8	2	10	0.4
ELECTRICAL ENGINEERS	10	--	10	0.4
FABRICATING, ASSEMBLING, INSTALLING & REPAIRING OCCUPATIONS: ELECTRICAL, ELECTRONIC & RELATED EQUIPMENT, N.E.C.	10	--	10	0.4



TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL TIME #	EMPLOYED PART TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
FISHING, TRAPPING & RELATED OCCUPATIONS	10	--	10	0.4
INSPECTING & TESTING OCCUPATIONS,				
FABRICATING & ASSEMBLING METAL PRODUCTS,				
N.E.C.	10	--	10	0.4
OTHER SALES OCCUPATIONS, N.E.C.	9	1	10	0.4
OTHER SERVICE OCCUPATIONS, N.E.C.	10	--	10	0.4
<b>SUB-TOTAL</b>	<b>1,641</b>	<b>141</b>	<b>1,782</b>	<b>78.7</b>
<b>OTHER</b>	<b>434</b>	<b>49</b>	<b>483</b>	<b>21.3</b>
<b>TOTAL**</b>	<b>2,075</b>	<b>190</b>	<b>2,265</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



## Appendix B

### SURVEY METHODOLOGY

#### A. Scope

The Graduate Employment Survey on which this report is based includes all the Summer 1991, Fall 1991, and Winter 1992 graduates of full-time postsecondary programs from the 23 Colleges of Applied Arts and Technology in Ontario. In that sense, it is a survey of the entire population, not just a sample.

#### B. Procedures

The Graduate Employment Survey is a mail survey conducted by the placement offices of the 23 colleges using a standard questionnaire prepared in both English and French. The English-language version of the questionnaire is shown on pages 117 to 120. The survey is conducted three times a year, once for each graduating class (i.e., summer, fall, and winter terms). The graduates are surveyed six months after graduation. The reference weeks for the 1991 surveys were as follows:

Summer Term, 1991:	week of March 1-7, 1992
Fall Term, 1991:	week of July 5-11, 1992
Winter Term, 1992:	week of November 1-7, 1992

Information about the employment status of the 1991-92 graduates was gathered through the survey for the reference weeks, which were approximately six months after graduation. Employment levels change over time; therefore, it is important to keep in mind that the survey findings show only the employment outcomes of college graduates during the reference week.

Each college mailed the questionnaire to its 1991-92 graduates. College placement staff telephoned graduates who had not responded to the survey, thereby ensuring a high overall response rate. College staff then coded the questionnaires and sent the information to the Ministry of Education and Training. Ministry staff compiled and consolidated the information received from all 23 colleges.

All of the questions on the survey were close-ended and precoded, except question 10 (the type of industry in which the graduate found employment) and question 14 (the type of occupation in which the graduate found employment). In coding occupations, the CCDO (Canadian Classification and Dictionary of Occupations) codes as defined by Canada Employment and Immigration were used; in coding industries, the 1980 SIC (Standard Industrial Classification) codes as defined by Statistics Canada were used. Readers who wish to know more about CCDO codes or SIC should refer to the relevant material available from Statistics Canada.

### C. Response Rate

Some questionnaires were non-deliverable because the graduates had moved away from their original address after graduation and could not be located. The response rate was not adjusted for non-deliverable questionnaires, and those questionnaires were considered as non-respondents. Since the Graduate Employment Survey is not a random sample survey but rather a survey of the entire population, statistical methods used in a random sample survey do not generally apply. The assumption of no non-response bias is made, as it is in most socio-economic research.

The overall response rate for the questionnaire was 78.3 per cent. The consistent survey methodology and the high overall response rate have contributed to reliability of data on the employment outcomes of college graduates.

#### Response Rate by College

College	Total Number of Graduates #	Total Responses #	Response Rate %
Algonquin	2,452	2,022	82.5
Cambrian	1,132	1,003	88.6
Canadore	730	563	77.1
Centennial	1,114	1,040	93.4
La Cité	640	466	72.8
Conestoga	1,098	935	85.2
Confederation	830	693	83.5
Durham	889	792	89.1
Fanshawe	2,204	1,782	80.9
George Brown	2,095	1,499	71.6
Georgian	1,375	1,054	76.7
Humber	2,259	1,924	85.2
Lambton	486	464	95.5
Loyalist	890	821	92.2
Mohawk	1,740	1,443	82.9
Niagara	1,035	805	77.8
Northern	476	416	87.4
Sault	514	426	82.9
Seneca	2,323	1,233	53.1
Sheridan	1,949	1,678	86.1
S. S. Fleming	1,365	1,127	82.6
St. Clair	1,315	421	32.0
St. Lawrence	1,284	1,029	80.1
<b>TOTAL</b>	<b>30,195</b>	<b>23,636</b>	<b>78.3</b>



**Ontario  
College  
Placement  
Group**

ALGONQUIN • CAMBRIAN • CANADORE • CENTENNIAL  
LA CITE COLLEGEIALE • CONESTOGA • CONFEDERATION  
DURHAM • FANSHAWE  
GEORGE BROWN • GEORGIAN • HUMBER • LAMBTON  
LOYALIST • MOHAWK • NIAGARA • NORTHERN • ST. CLAIR  
ST. LAWRENCE • SAULT • SENECA • SHERIDAN  
SIR SANDFORD FLEMING

## COLLEGE GRADUATE PLACEMENT QUESTIONNAIRE

**FOR OFFICE USE ONLY**

Name: .....  
Address: .....  
City/Prov.: .....  
Postal Code: .....  
Current Phone No. (.....) .....

Please check that your personal information is correct. If it is not, make the necessary changes on the right. Do not remove the label.

### Instructions

Please take a few minutes to complete this questionnaire and return it immediately in the enclosed self-addressed envelope. The data collected through this survey will help determine the success of college graduates in the workplace. Please follow the instructions carefully in the questionnaire and answer all the questions applicable to you.

### Freedom of Information and Protection of Privacy Act

In accordance with section 39 (2) of the Freedom of Information and Protection of Privacy Act, this is to advise you that the personal information collected on this form will be used only for statistical purposes, such as reports on the employment profile of college graduates, by the Colleges of Applied Arts and Technology and the Ministry of Colleges and Universities. This information is collected under the legal authority of the Ministry of Colleges and Universities Act R.S.O. 1980, C.272 and regulations.

For further information, you may contact your College Placement Office at the address and telephone number provided.

### EMPLOYMENT STATUS

Q1. During the week of **NOVEMBER 1 to NOVEMBER 7, 1992** were you:

- employed ..... ☐ 1 (Go to Q7)  
not employed but looking for a job ..... ☐ 2 (Go to Q4)  
not employed and not looking for a job ..... ☐ 3 (Go to Q2)

28

Office Use Only						
1	9	9	2	1	1	0 1
20	Year/Month/Day				27	





Q2. What was the main reason you were not looking for employment?  
(check **one** box only)

- further full-time education at College

further full-time education at University

further full-time education at other institution

travel

health

home or family responsibility

other (specify)
- ☐

☐

☐

☐

☐

☐

☐
- 1

2

3

4

5

6

7

Please print:

(Institution Name)

(Program Name)

Q3. Have you looked for employment since graduation?

- Yes

No
- ☐

☐
- Y (Go to Q4)

N (Go to Q23)

Q4. Have you been employed between graduation and March 1, 1992?

- Yes

No
- ☐

☐
- Y (Go to Q5)

N (Go to Q22, complete section A only)

Q5. What was the duration of your **FIRST JOB** after graduation?  
(Please record number of months **OR** weeks)  
Months \_\_\_\_\_  
**OR** Weeks \_\_\_\_\_

For Office Use Only

M

W

Units

Value

32

33

35

Q6. What was the main reason for leaving your **FIRST JOB** after graduation? (Check **one** box only)

- summer job

temporary or contract only

freelance or self-employed

laid off due to lack of work

job not related to my program of study

poor working conditions

salary was too low

no opportunity for advancement

better job became available

other (specify)
- ☐

☐

☐

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- 01

02

03

04

05

06

07

08

09

10

PLEASE CONTINUE WITH Q7.

If you **were employed** during the week of **NOVEMBER 1 TO NOVEMBER 7, 1992** please complete this section with information about that job. If more than one job was held at the same time, please complete for the job which occupied the most time per week.

If you were **not employed** during the week of **NOVEMBER 1 TO NOVEMBER 7, 1992** but have held at least one job since graduation, please complete this section with information about your **first job** after graduation. If more than one job was held at the same time, please complete for the job which occupied the most time per week.

Q7. Are you providing information for:

- the job held during the week of **NOVEMBER 1-7, 1992**

the job held between graduation and **NOVEMBER 1-7, 1992**
- ☐

☐
- C

F



Year 

1	9			
---	---	--	--	--

 39

Month 

--	--	--

 44

Yes ☐ Y No ☐ N

Phone No. ( ) \_\_\_\_\_

.....

If you worked **30 hours or more** per week, go to Q13

(Please check **one** box only)

full-time work in my field is under 30 hours per week . . . . ☐ 1  
 could only find part-time work . . . . . ☐ 2  
 personal choice . . . . . ☐ 3  
 own illness or disability . . . . . ☐ 4  
 personal or family responsibilities . . . . . ☐ 5  
 going to school full-time . . . . . ☐ 6 →  
 other (specify) \_\_\_\_\_ ☐ 7

54

\_\_\_\_\_(Institution Name)  
\_\_\_\_\_(Program Name)

Months \_\_\_\_\_

OR Weeks \_\_\_\_\_

Yes ☐ Y Partially ☐ P No ☐ N

	0
--	---

1980  
SIC

Age Group	Number of People
18-24	10
25-34	20
35-44	40
45-54	60
55-64	80
65-74	90
75+	100

50 (2 Decimals) 53

M	
W	

Units

Value

56

57

59

--	--

60

JOB CCDO

66

Q16. What level of education was required to get your job?

(Please check **one** box only)

- college diploma/certificate ..... ☐ 1  
 university degree ..... ☐ 2  
 some post-secondary education ..... ☐ 3  
 high school or less ..... ☐ 4  
 other (specify) ..... ☐ 5  
 not specified ..... ☐ 6  
 unknown ..... ☐ 7

28

Q17. Following graduation what was your **starting salary** including commission and gratuities? (Complete **one** only)

\$/hour \_\_\_\_\_

\$/week \_\_\_\_\_

\$/month \_\_\_\_\_

\$/year \_\_\_\_\_

Those currently not employed go to Q. 22.

**For Office Use Only**

H  
W  
M  
Y

29 30 Dollars/Cents 36

Q18. During the week of **NOVEMBER 1 TO NOVEMBER 7, 1992** did you have more than one job?

YES ..... ☐ Y (Go to Q19)

NO ..... ☐ N (Go to Q21)

37

Q19. How many hours per week did you work at your other job?

**For Office Use Only**

38 (2 Decimals) 41

Q20. Were the responsibilities of your other job related to your program of study?

Yes ☐ Y Partially ☐ P No ☐ N

42

42

42

Q21. If you are currently employed, are you still actively seeking another job?

Yes ☐ Y No ☐ N

43

43

Q22. How did you look for work?

JOB SEARCH ACTIVITIES	SECTION A	SECTION B
	Which job search activities did you use? (Check as many as appropriate)	Which job search activity was the most successful? (Check one box only)
• Used On-Campus Placement Services (Referral/Job Notice/On-Campus Recruiting)	<input type="checkbox"/>	<input type="checkbox"/> 44
• Contacted Teacher / Academic Depts.	<input type="checkbox"/>	<input type="checkbox"/>
• Through Co-operative Education Employer(s)	<input type="checkbox"/>	<input type="checkbox"/>
• Through Internship / Field Placement	<input type="checkbox"/>	<input type="checkbox"/>
• Found Employer On My Own	<input type="checkbox"/>	<input type="checkbox"/>
• Visited Off-Campus Canada Employment Centre	<input type="checkbox"/>	<input type="checkbox"/>
• Used Private Employment Agency	<input type="checkbox"/>	<input type="checkbox"/>
• Read Newspaper, Journal, Media Ads	<input type="checkbox"/>	<input type="checkbox"/>
• Contacted Friends/Relatives	<input type="checkbox"/>	<input type="checkbox"/>
• Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/> 53

Q23. Please attach a separate sheet for any comments you may wish to make.

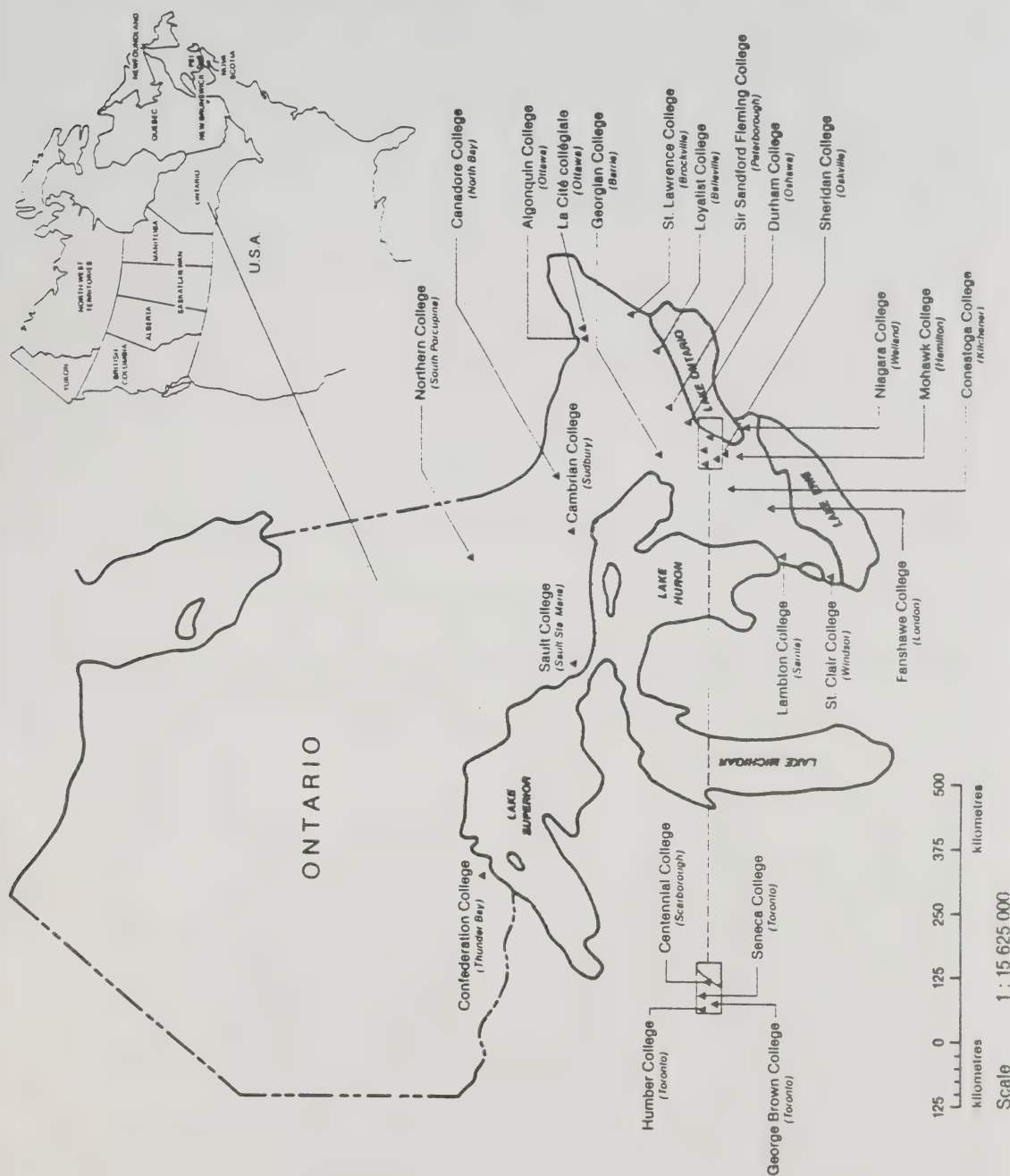
Q24. Please provide your **signature** and the **date**.

(Signature)

(Date)

THANK YOU FOR YOUR CO-OPERATION

# GEOGRAPHIC LOCATIONS OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY (MAIN CAMPUSES)





PROGRAMS	PAGE(S) IN		DUR	A C C C L C C C L C C C F G G H L L M N N S S S S S S																							
	E	F	B	L	A	A	E	A	O	O	U	A	R	E	U	A	O	I	O	T	L	A	E	H	S		
ACCOUNTING CLERK - MICROCOMPUTER	83			1 YR																							
ACTIVATION CO-ORDINATOR	67			2 YR																							
ADVERTISING	73	75		2 YR	E	E		F				E			E	E											
ADVERTISING	73			3 YR																							
ADVERTISING AND GRAPHIC DESIGN	73	75		2 YR	E			F																			
ADVERTISING AND GRAPHIC DESIGN	73			3 YR																							
AIR CARRIER/AIRPORT MANAGEMENT	83			2 YR																							
AMBULANCE AND EMERGENCY CARE	95	96		1 YR	E	A		E	F	E																	
ANIMAL CARE	95			1 YR																							
ANIMATION	74			3 YR																							
ANIMATION - TELEVISION	74			2 YR	E																						
APPAREL MANUFACTURING MANAGEMENT	73			2 YR																							
APPLIED SOCIAL RESEARCHER	67			PD																							
ARCHITECTURAL TECHNICIAN	102	105		2 YR	E			E	F																		
ARCHITECTURAL TECHNOLOGY	102	105		3 YR																							
ARCHIVES TECHNICIAN				2 YR	E																						
ART CONSERVATION TECHNIQUES	73			3 YR																							
ART FUNDAMENTALS	73			1 YR																							
ARTS ADMINISTRATION	75			2 YR																							
ASSESSMENT AND APPRAISAL	84			2 YR																							
AUDIO-VISUAL TECHNICIAN	74			2 YR																							
AVIATION ENGINEERING TECHNOLOGY	102			3 YR																							
AVIATION FLIGHT TECHNOLOGY	102			3 YR																							
AVIATION PILOT - ROTARY WING	102			PD																							
AVIATION TECHN - AIRCRAFT MAINTENANCE	102			2 YR																							
AVIATION TECHN - AVIONICS MAINTENANCE	102			2 YR																							
BEHAVIOURAL SCIENCE TECHNICIAN	67	68		2 YR																							
BEHAVIOURAL SCIENCE TECHNOLOGY	67			3 YR																							
BROADCASTING - RADIO AND TELEVISION	74	75		2 YR	E																						
BROADCASTING - RADIO AND TELEVISION	74			3 YR																							
BROADCASTING - RADIO AND TELEVISION	74			PD																							
BUILDING CONSTRUCTION REGULATIONS ADMIN	83			PD																							
BUS. ADMIN. - ABORIGINAL ORGANIZATION				3 YR																							
BUS. ADMIN. - ACCOUNTANT/PRGMR ANALYST	83			3 YR																							
BUS. ADMIN. - HUMAN RESOURCES MGT	84			3 YR																							



# APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A			A C C C L C C D F G G H L L M N N S S S S S																								
	E	F	B	DUR	L	A	A	E	A	O	O	I	O	I	O	T	L	A	E	H	S	S	S	S	S	S	S	S
BUS. ADMIN. – INFORMATION SYSTEMS	83	86		3 YR																								
BUS. ADMINISTRATION – OPERATIONS MGT	84			3 YR																								
BUS. ADMINISTRATION – SMALL BUS. MGT	85			3 YR																								
BUS. TECHY – INFO./COMMUNICATION SYST.	83			3 YR																								
BUSINESS	84		87	2 YR	E	E	C	E	F	E																		
BUSINESS – ACCOUNTING	83	86		2 YR	E																							
BUSINESS – ADVERTISING	84			2 YR																								
BUSINESS – DISTRIBUTION MANAGEMENT	84			2 YR																								
BUSINESS – HUMAN RESOURCES	84			2 YR																								
BUSINESS – INFORMATION SYSTEMS	83	86		2 YR	E																							
BUSINESS – MARKETING	84	86		2 YR	E																							
BUSINESS – RETAILING	84			2 YR	E																							
BUSINESS – SALES	84			2 YR																								
BUSINESS ADMINISTRATION	84	86	87	3 YR																								
BUSINESS ADMINISTRATION – ACCOUNTING	83	86	87	3 YR																								
BUSINESS ADMINISTRATION – FINANCE	83	86		3 YR																								
BUSINESS ADMINISTRATION – MARKETING	84	86	87	3 YR																								
CARPENTRY AND MILLWORK – HERITAGE	103			2 YR	E																							
CHEF TRAINING	80			1 YR	E																							
CHEMICAL ENGINEERING TECHNICIAN	102			2 YR		F																						
CHEMICAL ENGINEERING TECHNOLOGY	102	106		3 YR	E																							
CHILD AND YOUTH WORKER	65	67	68	3 YR	E	A	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
CHIROPODY	95			3 YR																								
CIVIL ENGINEERING TECHNICIAN	102			2 YR		E	E	E																				
CIVIL ENGINEERING TECHNOLOGY	102	106		3 YR	E																							
CLINICAL METHODS IN ORTHOTICS/PROSTH.				PD																								
COACHING TECHNIQUES	66			1 YR																								
COACHING TECHNIQUES	66			2 YR																								
COLLEGE VOCATIONAL	66			1 YR	E																							
COLLEGE VOCATIONAL	66	68		2 YR		A	E																					
COLLEGE VOCATIONAL	66			3 YR																								
COMMUN. INTEGRATION THROUGH COOP EDUC.				2 YR																								
COMMUNICATIVE DISORDERS ASSISTANT	95			PD																								
COMMUNITY PLANNING	65			2 YR																								



[illegible]

APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN		APPENDIX A																									
	E	F	B	DUR																								
					A	C	C	C	L	C	C	C	D	F	G	H	L	L	M	N	N	O	T	L	A	E	H	S
EDUCATIONAL RESOURCES & SPECIAL NEEDS	65			2 YR																								
ELECTRICAL ENGINEERING TECHNICIAN	103		106	2 YR																								
ELECTRICAL ENGINEERING TECHNOLOGY	103			3 YR																								
ELECTRO-MECHANICAL ENGINEERING TECHN	104			2 YR	E																							
ELECTRONIC DATA COMMUNICATIONS				P D																								
ELECTRONICS ENGINEERING TECHNICIAN	103	106		2 YR	E	F	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
ELECTRONICS ENGINEERING TECHNOLOGY	103	106		3 YR	E																							
ELECTRONICS TECHN - GENERAL SERVICING	103			2 YR																								
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EQUINE STUDIES - HORSE CARE&EQUINE SKILLS	95			1 YR																								
ESTHETICIAN	73			2 YR																								
FAMILY VIOLENCE - COUNS'R & ADVOCATE	67			2 YR																								
FASHION ARTS	73			3 YR																								
FASHION ARTS - MODELLING AND FASHION	73			2 YR																								
FASHION MERCHANDISING	84			2 YR																								
FASHION MERCHANDISING	84			3 YR																								
FASHION TECHNIQUE AND DESIGN	73			2 YR																								
FESTIVAL/COMMUNITY EVENTS MANAGEMENT	86			P D	E																							
FILM AND TELEVISION PRODUCTION	74			3 YR																								
FILM PRODUCTION	74			2 YR																								
FINE ARTS AND CRAFTS	73			2 YR																								
FINE ARTS AND CRAFTS - ADVANCED	73			3 YR																								
FIRE PROTECTION TECHNICIAN	105			2 YR	E																							
FIRE PROTECTION TECHNOLOGY	105			3 YR																								
FIRST NATIONS LAND MANAGEMENT				2 YR																								
FITNESS AND HEALTH PROMOTION	66			2 YR																								
FITNESS MANAGEMENT	66			3 YR																								
FLIGHT SERVICES	80			1 YR																								
FOOD AND BEVERAGE MANAGEMENT	80			2 YR																								
FOOD AND BEVERAGE SERVICE	80			1 YR																								
FOOD SERVICE SUPERVISOR	80			2 YR																								
FOOD SERVICE SUPERVISOR	80			P D																								
FORESTRY TECHNICIAN	105	106		2 YR	E	F																						
FUNERAL SERVICE EDUCATION	95			2 YR																								

PROGRAMS	PAGE(S) IN APPENDIX A				A C C C L C C C D F G G H L L M N N S																									
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# APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A		DUR	A C C C L C C D F G H L L M N N S S S S S																									
	E	F		B	L	A	C	C	L	C	O	O	A	R	E	B	B	M	Y	H	A	G	T	L	W	L	E	R	L
INTERNATIONAL BUSINESS MANAGEMENT	84		PD																										
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INVESTMENT SALES ASSISTANT			1YR																										
JEWELLERY ARTS	73		3YR																										
JEWELLERY REPAIRS	73		1YR																										
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LABORATORY ASSISTANT			1YR					E																					
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Codes in Table: E = English F = French B = Bilingual A = English & French C = English & Bilingual PD = Post Diploma

Note: o Programs in which colleges reported enrolment for funding purposes are included in this appendix. However, since 1992-93, colleges may have cancelled some of their existing programs and/or introduced new programs. Some of these programs may not yet have had a graduating class. Readers are advised to contact the individual colleges for up-to-date information on their program offerings.

o See Appendix F for a list of abbreviations used in this table.

## **Appendix E**

### **CAREER PLANNING AND PLACEMENT OFFICES IN COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

<b>College</b>	<b>Telephone</b>	<b>Fax</b>
Algonquin College 1385 Woodroffe Avenue Nepean, Ontario K2G 1V8	(613) 727-GRAD Ext. 5100	(613) 727-7781
Cambrian College 1400 Barrydowne Road Sudbury, Ontario P3A 3V8	(705) 566-8101 Ext. 7422	(705) 524-7334
Canadore College 100 College Drive North Bay, Ontario P1B 8K9	(705) 474-7600 Ext. 5185	(705) 474-2384
Centennial College P. O. Box 631, Station A Scarborough, Ontario M1K 5E9	(416) 694-3241 Ext. 3353	(416) 694-2664
La Cité collégiale 2465, Boulevard Saint-Laurent Ottawa, Ontario K1G 5H8	(613) 786-2340	(613) 786-2326
Conestoga College 299 Doon Valley Drive Kitchener, Ontario N2G 4M4	(519) 748-5220 Ext. 219	(519) 748-5971
Confederation College 1450 Nakina Drive P. O. Box 398 Thunder Bay, Ontario P7C 4W1	(807) 475-6152 1-800-465-5005	(807) 623-3956

## Career Planning and Placement Offices (cont'd)

College	Telephone	Fax
Durham College Box 385 2000 Simcoe St. N. Oshawa, Ontario L1H 7L7	(416) 721-2000 Ext. 340	(416) 436-9774
Fanshawe College P. O. Box 4005 1460 Oxford Street East London, Ontario N5W 5H1	(519) 452-4294	(519) 659-9393
George Brown College Casa Loma Campus 160 Kendal Avenue Toronto, Ontario M5R 1M3	(416) 944-4584	(416) 944-4643
Georgian College Barrie Campus 1 Georgian Drive Barrie, Ontario L4M 3X9	(705) 722-1528	(705) 722-5155
Humber College 205 Humber College Blvd. Etobicoke, Ontario M9W 5L7	(416) 675-5029	(416) 675-1483
Lambton College Modeland Road Campus 1457 London Road P. O. Box 969 Sarnia, Ontario N7T 7K4	(519) 542-7751 Ext. 313	(519) 542-6667
Loyalist College P. O. Box 4200 Wallbridge Cres-Loyalist Road Belleville, Ontario K8N 5B9	(613) 969-1913 Ext. 244	(613) 962-1376
Mohawk College Fennell Avenue & West 5th P. O. Box 2034 Hamilton, Ontario L8N 3T2	(416) 575-2373	(416) 575-2359

## Career Planning and Placement Offices (cont'd)

College	Telephone	Fax
Niagara College P. O. Box 1005 Woodlawn Road Welland, Ontario L3B 5S2	(416) 735-2211 Ext. 7789	(416) 735-5365
Northern College P. O. Box 2002 South Porcupine, Ontario P0N 1H0	(705) 235-7213 1-800-461-2167	(705) 235-7279
St. Clair College South Campus 2000 Talbot Road West Windsor, Ontario N9A 6S4	(519) 972-2712	(519) 966-2737
St. Lawrence College Brockville Campus 2288 Parkedale Avenue Brockville, Ontario K6V 5X3	(613) 345-0660 Ext. 3190	(613) 345-2231
Sault College P. O. Box 60 443 Northern Avenue Sault Ste. Marie, Ontario P6A 5L3	(705) 759-6713 1-800-461-2265	(705) 759-1319
Seneca College Newnham Campus 1750 Finch Avenue East North York, Ontario M2J 2X5	(416) 491-5050 Ext. 3031	(416) 491-2966
Sheridan College 1430 Trafalgar Road Oakville, Ontario L6H 2L1	(416) 849-9430 Ext. 2650	(416) 815-4037
Sir Sandford Fleming College Frost Campus Box 8000 Lindsay, Ontario K9V 5E6	(705) 743-5610 Ext. 1547	(705) 878-9312





## Appendix F

### ABBREVIATIONS USED IN THE REPORT

I. This section provides a list of abbreviations used in the tables.

Admin. ....	Administration
Appl. ....	Applications
Asst. ....	Assistant
Bus. ....	Business
Co-ord. ....	Co-ordinator
Co-op. ....	Co-operative
Commun. ....	Community
Cond. ....	Conditioning
Counsrlr ....	Counsellor
Counsg ....	Counselling
Des'n ....	Design
Devel. ....	Development
Educ. ....	Education
Enforce. ....	Enforcement
Eng. ....	Engineering
Equip. ....	Equipment
Info. ....	Information
Instr. ....	Instruction
Mgt. ....	Management
Mech. ....	Mechanical
Micro. ....	Microcomputer
Multidisc. ....	Multidiscipline
N.E.C. ....	Not Elsewhere Classified
Nurs. ....	Nursing
P.C. ....	Post Certificate
P.D. ....	Post Diploma
Prod. ....	Production
Prgmr ....	Programmer
Prosth. ....	Prosthetics
Refrig. ....	Refrigeration
Reg. ....	Registered
Reprod. ....	Reproduction
Serv. ....	Services
Spec. ....	Specialist
Syst. ....	Systems
Techn. ....	Technician
Techqs. ....	Techniques
Techy. ....	Technology
Telecom. ....	Telecommunications

II. This section provides a list of abbreviations for college names.

ALGO	Algonquin
CAMB	Cambrian
CANA	Canadore
CENT	Centennial
LACI	La Cité collégiale
CONS	Conestoga
CONF	Confederation
DURH	Durham
FANS	Fanshawe
GRBR	George Brown
GEOR	Georgian
HUMB	Humber
LAMB	Lambton
LOYT	Loyalist
MOHA	Mohawk
NIAG	Niagara
NORT	Northern
STCL	St. Clair
SLAW	St. Lawrence
SAUL	Sault
SENE	Seneca
SHER	Sheridan
SSFL	Sir Sandford Fleming

















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# *EMPLOYMENT PROFILE*



**1992-93 GRADUATES OF ONTARIO COLLEGES  
OF APPLIED ARTS AND TECHNOLOGY**

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***EMPLOYMENT PROFILE***

***1992-93 GRADUATES OF ONTARIO COLLEGES***

***OF APPLIED ARTS AND TECHNOLOGY***

*This report provides a snapshot picture of the employment experiences of college graduates six months after graduation. It is based on the Graduate Employment Survey undertaken jointly by the Ministry of Education and Training and the Career Planning and Placement Staff of the Colleges of Applied Arts and Technology in Ontario.*

***Ministry of Education and Training***  
***December 1994***

*(Ce rapport est également disponible en français.)*



## FOREWORD

This employment profile of Ontario college graduates summarizes the employment experience of 1992-93 graduates approximately six months after their graduation. The report is based on the findings of the Graduate Employment Survey conducted by the 23 Colleges of Applied Arts and Technology in Ontario during 1993.

The survey provides data on the graduates' employment status, earnings, industry of employment, occupation and on the relationship of the graduates' occupations to their training. It should be noted that the results of the survey apply to a period of only one week, whereas the situation of graduates could well change over time.

The survey results provide useful information for secondary school students who are making career choices and program selections, for counsellors who work with and advise students, and for college administrators who make programming decisions in response to the changing needs of the labour market. They can also serve as a useful tool for employers in their recruitment efforts. Finally, the survey results assist the Ministry of Education and Training in program analysis and policy development.

The co-operation of graduates in responding to the Graduate Employment Survey helped to develop a useful source of labour market information that will facilitate the improvement of training programs and help counsellors, educators, and administrators in their work. The career-planning and placement staff of the individual colleges conducted the survey of their graduates and submitted the data to the Ministry of Education and Training. Ministry staff compiled and consolidated the data from the 23 colleges, and prepared this report.

Queries and comments regarding the report can be sent to:

Capital and Operating Grants Administration Branch  
Ministry of Education and Training  
21st Floor, Mowat Block  
900 Bay Street  
Toronto, Ontario  
M7A 1L2



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## HIGHLIGHTS

### Employment Outcomes

- Six months after their graduation, 14,962 or 78.1 per cent of the 1992-93 postsecondary college graduates who were in the labour force were employed. Of these, 11,043 graduates (57.7 per cent of those in the labour force) were employed in full-time jobs; 3,653 graduates (19.1 per cent) held part-time jobs.

Overall, 8,104 graduates (42.3 per cent of those in the labour force) reported having full-time jobs in their field of study; 2,912 graduates (15.2 per cent) indicated they were in jobs unrelated to their program of study.

- The employment rate for female graduates was 80.3 per cent, while that for males was 74.9 per cent.
- The employment outcomes of college graduates varied, depending on the program area. A comparison of the employment rates and the proportion of graduates in the labour force employed full-time in related jobs by program area is given in the following table:

<u>Program Areas</u>	<u>Percentage Employed</u>	<u>Percentage Employed Full-time</u>	<u>Percentage Employed Full-time in Related Jobs</u>
Social Services	80.3	56.3	39.8
Visual and Creative Arts	79.7	60.2	43.4
Hospitality	84.5	66.4	57.3
Office and Business Administration	77.0	61.3	45.1
Health Technology	84.6	58.6	49.6
Nursing and Related	82.7	41.1	35.9
Technology	70.1	61.0	40.3
TOTAL	78.1	57.7	42.3

## **Average Annual Earnings of Graduates**

- In 1993, college graduates reported an average annual starting salary of \$23,220.
- The average annual starting salary for female graduates was \$22,454 and that for males was \$24,411.
- There was a wide variation in the earnings of graduates by program area. Graduates who earned above-average salaries had been enrolled in the following program areas: Nursing and Related (\$28,222), Health Technology (\$26,942), and Technology (\$25,269).

## **Industry Sectors**

- More than half the employed college graduates were working in the Service Industries, which include Health and Social Services Industries (29 per cent), Business Services Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (12 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade sector hired 17 per cent of the employed graduates. It was followed by Manufacturing (10 per cent) and Public Administration (7 per cent).

## **Occupations**

- Slightly more than 40% of the employed college graduates worked in professional support occupations in Medicine and Health (16 per cent), Social Sciences (9 per cent), Natural Sciences and Engineering (6 per cent), Teaching and Related (6 per cent), and Performing Arts, Sports and Recreation (5 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a clerical occupation. About 22 per cent of the employed graduates were engaged in Sales or Service occupations.



## INTRODUCTION

Since its introduction in 1965, Ontario's college system has evolved to include 23 colleges with approximately 90 campuses in 60 cities and towns throughout the province. In addition, the college system provides a continuing presence through regular courses or programs in approximately 300 additional communities. Appendix C (page 113) shows the geographic location of the main campus for each college.

Colleges of Applied Arts and Technology offer a wide range of programs. Their postsecondary programs vary in duration from one to three years, and are aimed at providing education and skills training in the areas of Applied Arts, Business, Health Sciences and Technology to students who have completed their secondary school diploma. Adult training programs are non-postsecondary programs usually less than one year in duration, and are aimed at providing academic upgrading, language training, and vocational skills to adults in the labour force. Students can take both postsecondary and non-postsecondary programs on a full-time or part-time basis. The colleges also provide a range of industrial training programs, such as the in-school portion of apprenticeship training and contract training to individual employers. In addition, they offer continuing education programs covering a wide variety of career-oriented and general interest courses.

This report provides information only on the labour market experience of full-time students who graduated from college postsecondary programs. It looks at the employment experience of the graduates six months after graduation, and hence only paints a picture of transition from school to work. It should be noted that the results of the survey provide only a snapshot of the employment status of graduates during a one week period, whereas the situation of the graduates could well change over time. A brief description of the methodology used to collect information on the labour market experience of college graduates is provided in Appendix B (page 107).

Chapter I summarizes the employment profile of 1992-93 graduates of Colleges of Applied Arts and Technology in Ontario. Chapter II provides information on the employment status and earnings of graduates by program areas at the provincial level. It also identifies the major industry sectors and the types of occupations in which college graduates find employment.



## Definitions of Terms

To assist the reader, this section provides definitions of terms presented in the report.

**Reference Weeks:** The weeks in which the Graduate Employment Survey were conducted. (February 28 - March 6, 1993; July 4-10, 1993; October 31 - November 6, 1993)

**Labour Force:** Persons who were employed, or unemployed but looking for work during the reference week.

**Participation Rate:** The labour force expressed as a percentage of the population in the survey.

**Not in the Labour Force:** Persons who, during the reference week, were neither employed nor unemployed. It includes those attending school full-time, travelling, or staying home for health reasons or because of family responsibilities.

**Employed:** Persons who, during the reference week, did any work, whether:

- full-time or part-time
- salaried or self-employed
- permanent or temporary
- related or unrelated to the program of study

**Full-time Employment:** At least 30 hours of work per week, or less than 30 hours per week if that is considered full-time employment in a particular field.

**Part-time Employment:** Less than 30 hours of work per week.

**Employment Rate:** The number of employed persons expressed as a percentage of the labour force.

**Unemployed:** Persons who, during the reference week, were without work but were looking for work.

**Unemployment Rate:** The number of unemployed persons expressed as a percentage of the labour force.

## A Note on the Freedom of Information and Protection of Individual Privacy Act

To maintain adequate confidentiality in light of the Freedom of Information and Protection of Individual Privacy Act, employment information is not presented in this report for categories in which either the total number of graduates or the number in the labour force is equal to one. Salary information is not presented for categories in which fewer than four graduates reported salaries.



## Chapter I

### OVERVIEW OF SURVEY RESULTS

This chapter summarizes the general findings of the Graduate Employment Survey for all respondents who graduated in the 1992-93 academic year. It provides information on the number of graduates, their labour force and employment status, their job start date, the relationship between their jobs and programs of study, and their annual earnings. It also identifies the major industry sectors and the types of occupations in which college graduates found employment.

#### A. Number of Graduates

During the 1992-93 academic year, 31,764 full-time students graduated from postsecondary programs in the 23 Colleges of Applied Arts and Technology in Ontario. Of these, some full-time students had transferred to part-time studies and then graduated. The breakdown by graduating term and the full-time/part-time status at the time of graduation appears below:

##### Total Graduates - Class of 1992-93

<b>Graduating Term</b>	<b>Full-time Status</b>	<b>Part-time Status</b>	<b>Total</b>
Summer 1992	1,369	220	1,589
Fall 1992	2,367	719	3,086
Winter 1993	24,480	2,609	27,089
<b>Total 1992-93</b>	<b>28,216</b>	<b>3,548</b>	<b>31,764</b>

- The Graduate Employment Survey was conducted three times a year, once for each graduating class. The graduates were surveyed six months after graduation. The reference weeks for the surveys were as follows:

<b>Graduating Term</b>	<b>Reference Week</b>
Summer 1992	February 28 - March 6, 1993
Fall 1992	July 4 - July 10, 1993
Winter 1993	October 31 - November 6, 1993

A total of 23,026 graduates responded to the surveys. This represents a response rate of 72.4 per cent. The information on the labour market success of college graduates presented in this report is based on these responses.

## **General Profile of 1992-93 Graduates**

- 18,504 women graduated from the colleges. This represents 58.3 per cent of the total graduates (31,764). In all divisions, except Technology, female graduates outnumbered male graduates.
- Slightly more than a third of the graduates were from the Applied Arts division. Slightly less than a third were from the Business division. Health Sciences graduates accounted for 16 per cent and Technology graduates for 19 per cent of the total.



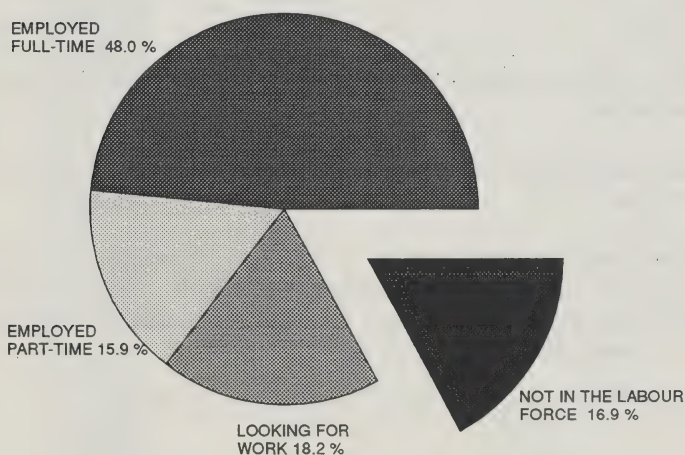
## B. Labour Force Status of Graduates

The labour force status of all graduates who responded to the survey is illustrated in Figure 1.

- Of the 23,026 graduates who responded to the survey, 3,881 graduates (16.9 per cent) were neither working nor looking for work at the time of the survey. Of the 3,881 graduates who were not in the labour force, 3,104 (80.0 per cent) were pursuing their education full-time at a college, university, or other postsecondary institution. The others were not in the labour force due to health, family responsibilities, or other reasons.
- Of the 23,026 graduates who responded to the survey, 14,962 (65.0 per cent) were employed at the time of the survey; 11,043 (48.0 per cent) in full-time jobs and 3,653 (15.9 per cent) in part-time jobs. 4,183 graduates (18.2 per cent of the respondents) were looking for work.<sup>1</sup>

FIGURE 1

### LABOUR FORCE STATUS OF COLLEGE GRADUATES\*, 1993



(Values based on 23,026 Respondents.)

- \* Figures do not add up to 100.0 per cent because the data exclude 266 employed graduates (1.2 per cent) whose full-time/part-time status is not known.

1. This percentage is not the unemployment rate. It represents the number of unemployed as a percentage of all graduates who responded to the survey, whereas an unemployment rate is the number of unemployed expressed as a percentage of all the graduates in the labour force. The unemployment rate is provided in Table 1. It was 21.8 per cent in 1993.

## **C. Employment Status of Graduates**

### **Employment**

- Six months after graduation, 14,962 of the 19,145 graduates reported being in the labour force were working. They represent 78.1 per cent of the 1992-93 college graduating class as being in the labour force. Of these, 11,043 graduates (57.7 per cent in the labour force), were employed in full-time jobs; 3,653 graduates, (19.1 per cent) held part-time jobs, i.e., they were working less than 30 hours per week.
- Of the 11,381 female graduates in the labour force, 9,146 (or 80.4%) were working, compared to 5,816 of 7,764 male graduates (or 74.9%) who were working.

However, the proportion of female graduates in the labour force in full-time jobs (55.1 per cent) was lower than that for males (61.5 per cent). The proportion of female graduates in the labour force in part-time jobs (23.9 per cent) was twice that for males (12.0 per cent).

### **Unemployment**

- In 1993, 4,183 graduates (21.8 per cent of the total in the labour force) were still looking for work.
- The unemployment rate for female graduates was 19.6 per cent, and that for males, 25.0 per cent.
- Graduates from the Health Sciences division had the lowest unemployment rate (16.6 per cent). The unemployment rates for graduates of programs in other divisions were as follows: Business (22.3 per cent), Applied Arts (19.8 per cent), and Technology (29.8 per cent).

TABLE 1  
LABOUR FORCE STATUS OF COLLEGE GRADUATES,  
BY DIVISION AND GENDER, 1993

	DIVISION AND GENDER														
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
I.	TOTAL GRADUATES														
	3,908	7,314	11,222	3,402	6,176	9,578	661	4,342	5,003	5,289	672	5,961	13,260	18,504	31,764
II.	TOTAL IN THE SURVEY														
	2,838	5,339	8,177	2,488	4,546	7,034	425	2,975	3,400	3,888	527	4,415	9,639	13,387	23,026
	RESPONSE RATE														
	72.6%	72.9%	72.8%	73.1%	73.6%	73.4%	64.2%	68.5%	67.9%	73.5%	78.4%	74.0%	72.6%	72.3%	72.4%
III.	TOTAL IN THE LABOUR FORCE														
	2,352	4,398	6,750	2,043	3,885	5,878	398	2,780	3,178	2,971	388	3,339	7,764	11,381	19,145
	PARTICIPATION RATE														
	82.8%	82.3%	82.5%	82.1%	84.3%	83.5%	93.6%	93.4%	93.4%	76.4%	69.8%	75.6%	80.5%	85.0%	83.1%
IV.	EMPLOYMENT STATUS														
	1,833	3,576	5,409	1,567	2,995	4,562	326	2,323	2,649	2,090	252	2,342	5,816	9,146	14,962
	1. EMPLOYED														
	77.9%	81.3%	80.1%	76.7%	78.0%	77.6%	81.9%	83.5%	83.3%	70.3%	68.4%	70.1%	74.9%	80.3%	78.1%
	EMPLOYMENT RATE														
	1,416	2,460	3,876	1,317	2,309	3,626	211	1,293	1,504	1,827	210	2,037	4,771	6,272	11,043
	A. FULL-TIME														
	372	1,054	1,426	218	642	860	110	988	1,098	230	39	289	930	2,723	3,653
	B. PART-TIME														
	45	62	107	32	44	76	5	42	47	33	3	36	115	151	266
	C. UNKNOWN STATUS														
	519	822	1,341	476	840	1,316	72	457	529	881	116	997	1,948	2,235	4,183
	2. UNEMPLOYED														
	22.0%	18.6%	19.8%	23.2%	21.9%	22.3%	18.0%	16.4%	16.6%	29.6%	31.5%	29.8%	25.0%	19.6%	21.8%
	UNEMPLOYMENT RATE														
	486	941	1,427	445	711	1,156	27	195	222	917	159	1,076	1,875	2,006	3,881
V.	NOT IN THE LABOUR FORCE														
	430	680	1,110	374	516	890	20	110	130	837	137	974	1,661	1,443	3,104
	A. FULL-TIME EDUCATION														
	54	246	300	67	183	250	6	83	89	72	22	94	199	534	733
	B. OTHER*														
	2	15	17	4	12	16	1	2	3	8	0	8	15	29	44
	C. UNKNOWN														

\* "Other" includes travel, health, and family responsibilities.

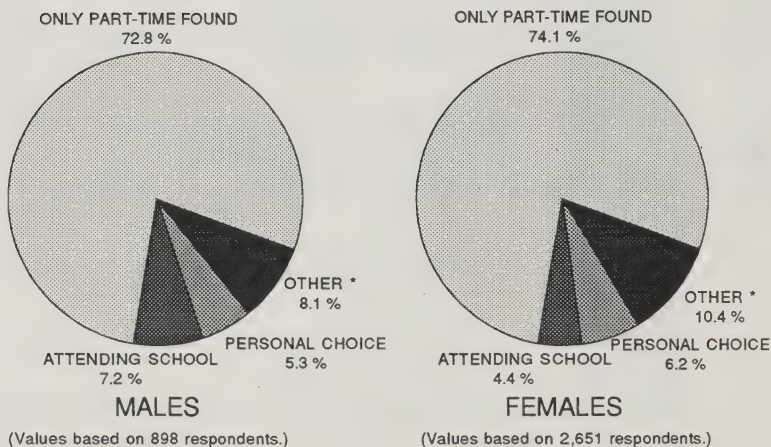
#### D. Reasons for Working Part-time

In 1993, 24.4 per cent of the employed college graduates had a part-time job. The graduates were asked the reasons for working part-time, and the results are illustrated in Figure 2.

- About three-fourths of the graduates working part-time did so because they could not find full-time jobs. This was the reason given most frequently by both men (72.8 per cent) and women (74.1 per cent).
- Among other reasons cited for working part-time, the pattern was different for men and women: 7.2 per cent of the male graduates working part-time did so because they were attending school full-time, whereas only 4.4 per cent of the female graduates gave this reason for working part-time.
- On the other hand, 16.6 per cent of the female graduates either wanted to work part-time by choice or had to work part-time due to personal and family responsibilities or other reasons. The proportion of male graduates working part-time for these reasons was 13.4 per cent.

FIGURE 2

#### REASONS FOR WORKING PART-TIME\*, BY GENDER, 1993



\* "Other" includes own illness/disability, family responsibilities, and other reasons.

\* Figures do not add up to 100.0 per cent because the data exclude 201 graduates (5.4 per cent) whose reason for working part-time is unknown.



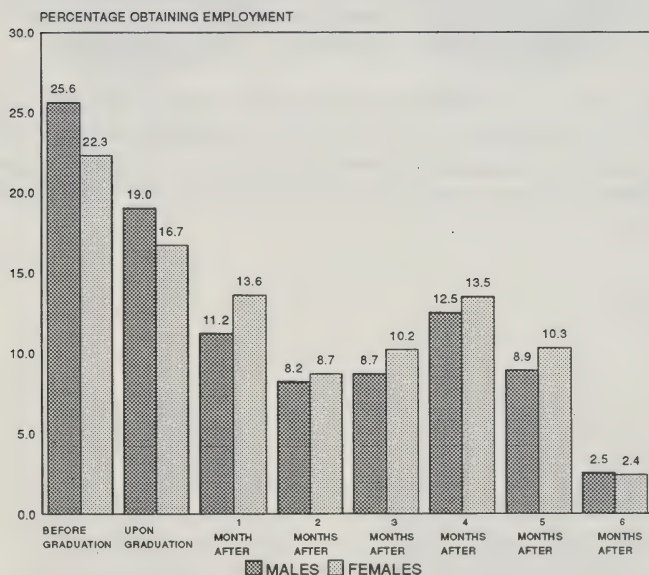
## E. Job Start Date

Graduates were asked to report on when they found employment. A summary of these results is presented in Figure 3.

- Within six months of graduation, 11,043 graduates had found full-time jobs. Of these, 44.6 per cent of the males and 39.0 per cent of the females had secured a full-time job before or upon graduation.

FIGURE 3

### DISTRIBUTION BY START DATE, OF FULL-TIME JOB BY GENDER, 1993



(Figures do not add up to 100 per cent because the data exclude 305 graduates whose job start date is unknown.)

## **F. Relationship Between Job and Program of Study**

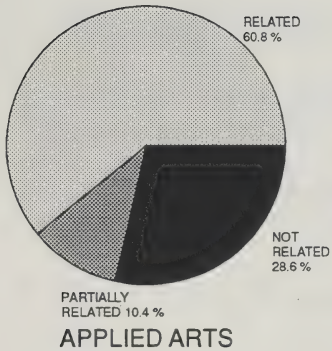
The interaction of the job market and the education system is complex. While some programs provide training for specific occupations, graduates from other fields of study can function in a wide range of occupations. In the survey, graduates were asked whether the responsibilities of their jobs were related to their programs of study. The results are presented in Figure 4 and Table 2.

- Graduates who worked full-time were more likely than those who worked part-time to have jobs related to their program of study: 58.3 per cent of the graduates employed full-time considered the responsibilities of their jobs to be related to their training programs, while another 15.1 per cent considered them to be partially related. Only 26.4 per cent of the graduates held jobs that were not related to their training programs. The proportion of part-time workers in unrelated jobs was 36.4 per cent.
- The proportion of female graduates employed full-time in jobs that were related or partially related to their training was 77.8 per cent; the comparable figure for male graduates was 67.5 per cent.
- The proportion of Health Sciences graduates employed full-time in jobs that were related or partially related to their training was 86.1 per cent. Comparable figures for graduates from programs in other divisions were: Business (74.6 per cent), Applied Arts (71.2 per cent), and Technology (66.1 per cent).

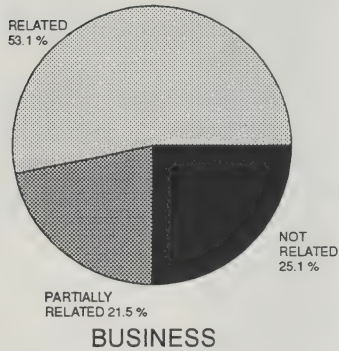


**FIGURE 4**

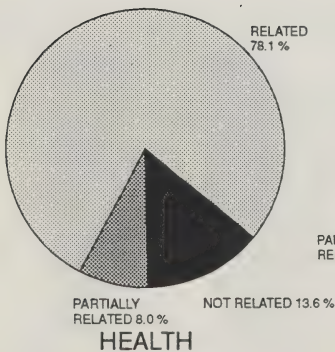
**RELATIONSHIP BETWEEN FULL-TIME JOB AND PROGRAM OF STUDY\*,  
BY DIVISION, 1993**



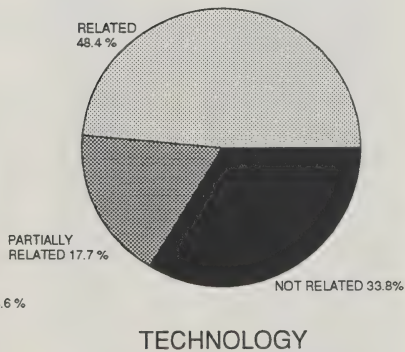
(Values based on 3,866 respondents.)



(Values based on 3,616 respondents.)



(Values based on 1,500 respondents.)



(Values based on 2,034 respondents.)

\* Figures do not add up to 100.0 percent because the data excludes graduates who did not indicate the relationship between their full-time job and program of study.

TABLE 2  
RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY,  
BY DIVISION AND GENDER, 1993

EMPLOYMENT STATUS	RELATIONSHIP TO PROGRAM	DIVISION AND GENDER														
		APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL		
		MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
FULL-TIME EMPLOYED	RELATED	53.0	65.2	60.8	53.3	53.0	53.1	71.1	79.3	78.1	48.1	51.0	48.4	52.0	63.1	58.3
	PARTIALLY RELATED	10.8	10.1	10.4	18.8	23.1	21.5	5.2	8.4	8.0	17.9	16.2	17.7	15.5	14.7	15.1
	NOT RELATED	35.9	24.4	28.6	27.6	23.7	25.1	23.2	12.1	13.6	33.9	32.9	33.8	32.3	21.9	26.4
	UNKNOWN	0.3	0.2	0.3	0.3	0.3	0.3	0.5	0.2	0.3	0.2	--	0.1	0.3	0.2	0.2
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	1,416	2,460	3,876	1,317	2,309	3,626	211	1,293	1,504	1,827	210	2,037	4,771	6,272	11,043
PART-TIME EMPLOYED	RELATED	53.3	51.2	51.0	20.6	26.9	25.3	69.1	74.1	73.6	17.4	15.4	17.1	37.4	53.3	49.2
	PARTIALLY RELATED	11.0	11.6	11.4	22.9	21.3	21.7	9.1	12.7	12.3	9.6	12.8	10.0	13.2	14.3	14.0
	NOT RELATED	38.4	36.7	37.2	56.0	51.4	52.6	21.8	13.1	13.9	73.0	71.8	72.9	49.1	32.1	36.4
	UNKNOWN	0.3	0.5	0.4	0.5	0.3	0.3	--	0.2	0.2	--	--	--	0.2	0.3	0.3
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	372	1,054	1,426	218	642	860	110	988	1,098	230	39	269	930	2,723	3,653
TOTAL	RELATED	52.5	61.0	58.1	48.7	47.3	47.8	70.4	77.0	76.2	44.6	45.4	44.7	49.6	60.2	56.1
EMPLOYED**	PARTIALLY RELATED	10.9	10.6	10.7	19.3	22.7	21.6	6.5	10.3	9.8	17.0	15.7	16.8	15.1	14.6	14.8
	NOT RELATED	36.4	28.1	30.9	31.7	29.7	30.4	22.7	12.5	13.8	38.3	39.0	38.3	35.0	25.0	28.9
	UNKNOWN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	--	0.1	0.2	0.3	0.3
	TOTAL***	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL NUMBER	1,788	3,514	5,302	1,535	2,951	4,486	321	2,281	2,602	2,057	249	230	5,701	8,995	14,696

\* Relationship to program of study is determined by graduates.

relationship to program of study is determined by graduates.

\*\* Total employed is the sum of full-time employed and part-time employed. It excludes employed graduates whose full-time/part-time status is unknown.

\*\* Figures may not add up to 100.0 per cent due to rounding.

## G. Average Annual Earnings of Graduates

The average annual earnings of college graduates working full- time in jobs related or partially related to their training programs is presented in Figure 5 and Table 3. It should be noted that the earnings information presented in this report refers only to the average annual starting salary of graduates.

- At the time of the survey, college graduates reported an average annual starting salary of \$23,220.
- The average annual starting salary for female graduates was \$22,454, and that for males was \$24,411.
- College graduates from the Health Sciences division reported the highest average annual salary at \$27,675, which is about 20 per cent above the overall average. The next highest salary was reported by Technology graduates (\$25,269). The average annual salaries for graduates from the Applied Arts and Business divisions were below the provincial average figures.

**FIGURE 5**

### **AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES, BY DIVISION AND GENDER, 1993**

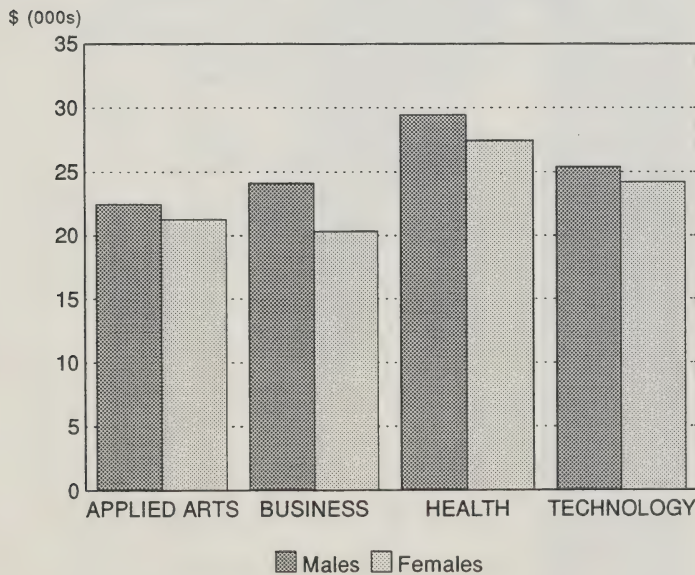




TABLE 3

**AVERAGE ANNUAL EARNINGS OF COLLEGE GRADUATES,\*  
BY DIVISION AND GENDER, 1993**

AVERAGE ANNUAL SALARY RANGE	DIVISION AND GENDER														
	APPLIED ARTS			BUSINESS			HEALTH			TECHNOLOGY			TOTAL		
	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %	MALE %	FEMALE %	TOTAL %
LESS THAN \$10,000	2.2	3.0	2.7	1.1	1.1	1.1	1.4	0.6	0.7	0.6	--	0.6	1.2	1.7	1.5
\$10,000 - \$19,999	39.9	43.3	42.3	29.9	49.7	42.9	8.6	23.3	21.6	22.2	23.8	22.4	28.7	40.3	35.8
\$20,000 - \$29,999	40.9	42.8	42.2	46.5	42.5	43.9	43.9	40.4	40.8	52.4	50.8	52.2	47.1	42.4	44.2
\$30,000 - \$39,999	13.6	9.4	10.7	17.9	6.1	10.2	36.7	25.4	26.7	20.3	23.8	20.6	18.6	12.4	14.8
\$40,000 - \$49,999	2.3	1.3	1.6	3.7	0.4	1.5	7.2	6.5	6.6	3.4	1.5	3.2	3.4	2.2	2.7
\$50,000 AND OVER	1.0	0.2	0.5	0.9	0.2	0.5	2.2	3.7	3.5	1.1	--	1.0	1.1	1.0	1.0
TOTAL NUMBER **	784	1,708	2,492	845	1,592	2,437	139	1,054	1,193	1,115	130	1,245	2,883	4,484	7,367
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVERAGE SALARY \$	22,452	21,235	21,618	24,103	20,317	21,630	29,449	27,441	27,675	25,394	24,197	25,269	24,411	22,454	23,220

\* Annual earnings of college graduates refer to average annual starting salaries of graduates employed in full-time jobs related or partially related to their program of study.

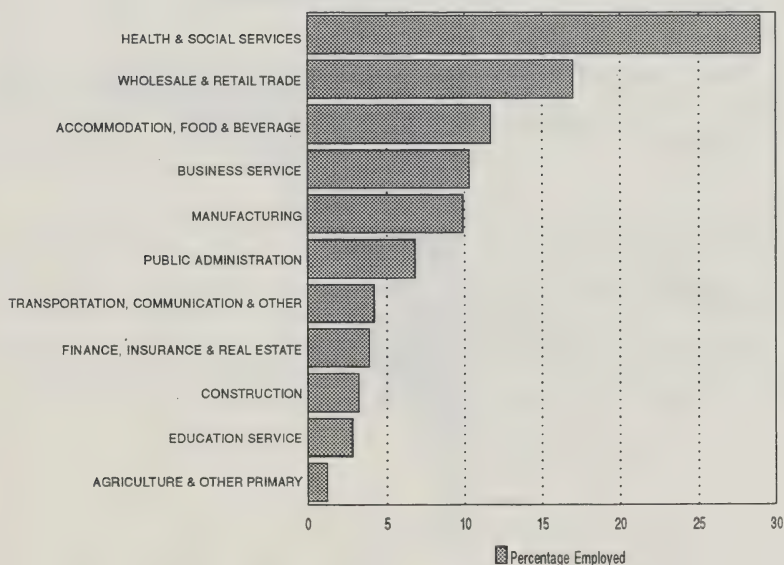
\*\* Figures may not add up to 100.0 per cent due to rounding.

## H. Industry Sectors

This section provides information on the major industry sectors employing college graduates. Graduates were asked to indicate the type of business or service offered by their employers. These responses were coded on the basis of Statistics Canada's 1980 Standard Industrial Classification code (SIC). A summary of these results is presented in Figure 6.

- More than half of the employed graduates were working in the Service Industries, which includes Health and Social Service Industries (29 per cent), Business Service Industries (10 per cent), Accommodation, Food, Beverage and Other Service Industries (12 per cent), and Education Service Industries (3 per cent).
- The Wholesale and Retail Trade Sector hired 17 per cent of the employed graduates. It was followed by Manufacturing (10 per cent) and Public Administration (7 per cent).

**FIGURE 6**  
**DISTRIBUTION OF EMPLOYMENT,**  
**BY INDUSTRY SECTORS, 1993**

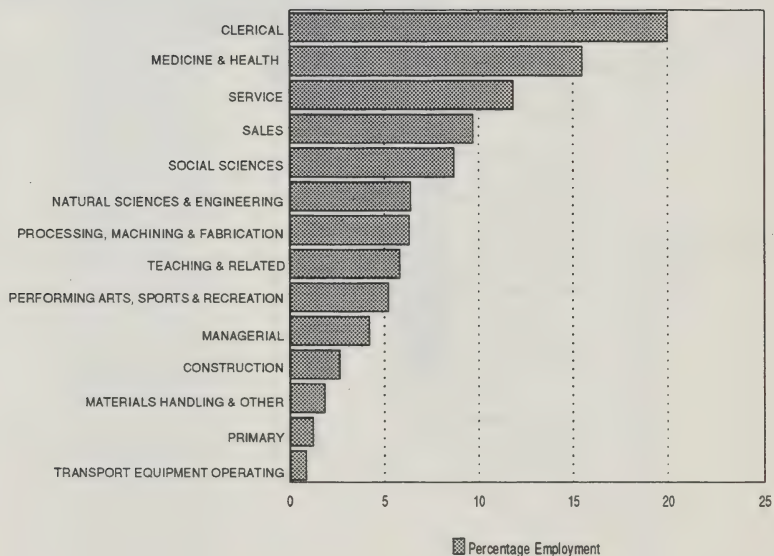


## I. Occupations

It is important to know not only how many graduates were employed but also what kinds of jobs they found. Graduates were asked to provide information on their job titles and the types of work they were doing. Their responses were coded using the CCDO (Canadian Classification and Dictionary of Occupations) Code as defined by the Canada Employment and Immigration Commission. A summary of these responses is presented in Figure 7.

- Just less than half the employed graduates worked in professional support occupations, which include Medicine and Health (16 per cent), Social Sciences (9 per cent), Natural Sciences and Engineering (6 per cent), Teaching and Related (6 per cent), and Performing Arts, Sports and Recreation (5 per cent).
- One in five of the graduates who had a job at the time of the survey was working in a Clerical occupation. About 22 per cent of the employed graduates were engaged in Sales or Service occupations.

**FIGURE 7**  
**DISTRIBUTION OF EMPLOYMENT,**  
**BY OCCUPATION SECTORS, 1993**





## Chapter II

### EMPLOYMENT PROFILES BY PROGRAM AREA

This chapter provides employment profiles by program area. Similar programs in the various colleges are clustered into provincial program categories. These in turn have been grouped into fields and broad occupation groups or program areas. This allows the employment of college graduates' training for similar occupations to be compared. The groupings are as follows:

Division	Program Area
Applied Arts	<ul style="list-style-type: none"><li>♦ Social Services</li><li>♦ Visual and Creative Arts</li></ul>
Business	<ul style="list-style-type: none"><li>♦ Hospitality</li><li>♦ Office and Business Administration</li></ul>
Health Sciences	<ul style="list-style-type: none"><li>♦ Health Technology</li><li>♦ Nursing and Related</li></ul>
Technology	<ul style="list-style-type: none"><li>♦ Technology</li></ul>

For each program area, information is presented on the number of graduates, their employment status, the relationship between their jobs and programs of study, and their annual earnings. Details on the major industry sectors and the types of occupations in which college graduates find employment are also provided.

It should be noted that the information presented in this report is at the provincial level and may not reflect regional and local variations in labour markets. Individual colleges also prepare reports based on the employment experience of their graduates. Readers requiring detailed information on specific programs in individual colleges are advised to contact the placement offices in those colleges. Appendix E (page 127) provides the addresses and telephone numbers of the career planning and placement offices of all the colleges. Appendix D (page 115) provides a list of programs with enrolment in 1993-94 by college.

## **A. SOCIAL SERVICES PROGRAMS**

This section discusses programs in the following fields:

- Child/Youth Worker
- Community Planning
- Developmental Services Worker
- Education
- Law and Security
- Library
- Native Community Worker
- Preparatory/Upgrading
- Public Relations
- Recreation/Fitness
- Social Services

Detailed information on the employment experience of college graduates in the Social Services programs is presented in Table A-1 (pages 65-68).

### ***1. Number of Graduates***

During the 1992-93 period, the total number of Social Services graduates was 7,978 or 25.1 per cent of the total number of college graduates in Ontario. Of these, 7,660 graduates were enrolled in English-language programs, 307 were enrolled in French-language programs, and 11 in Bilingual programs.

Almost two-thirds of the graduates in this program area were enrolled in the following three fields:

- Education
- Law and Security
- Social Services

### ***2. Employment Status of Graduates***

Six months after graduation, 4,815 Social Services graduates reported that they were in the labour force. 3,866 or 80.3 per cent of the Social Services graduates in the labour force were employed and 949 or 19.7 per cent were looking for work. The employment rate for this group was slightly higher than 78.1 per cent which was the average for all college graduates.

Graduates who had enrolled in the Child/Youth Worker, Developmental Services Worker, and Education fields had employment rates higher than the average for this program area.

### **3. Relationship Between Job and Program of Study**

The proportion of Social Services graduates in the labour force employed in full-time jobs related to their program of study was 39.8 per cent as presented in Figure 8 (page 35). The comparable figure for all college graduates was 42.3 per cent.

Slightly over half of the graduates in the Education program area found full-time jobs related to their program of study.

Among students who had enrolled in Developmental Services Worker and Public Relations programs, about half of the graduates in the labour force were employed full-time in jobs related to their fields.

### **4. Average Annual Earnings of Graduates**

The average annual earnings for Social Services graduates were \$21,975, which is below the average salary for all college graduates (\$23,220). Average annual earnings by programs in the Social Services is presented in Figure 9 (page 35).

In this program area, the highest average annual salary was reported by Community Planning graduates (\$27,245), Library graduates (26,834), Public Relations graduates (\$26,816), and Social Services graduates (\$24,884).

The average annual starting salary for Education graduates was less than \$20,000.

### **5. Industry Sectors**

The major industry sectors in which Social Services graduates found employment were as follows:

• Health and Social Services	43%
• Wholesale and Retail Trade	13%
• Public Administration	12%
• Accommodation, Food, Beverage, and Other Services	12%
• Business Service	7%
• Education Services	5%
• Other	<u>8%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-2 (page 69). This provides an indication of the types of industries hiring graduates from the Social Services programs. The top five industries are as follows:

- Non-Institutional Social Services
- Other Institutional Health and Social Services
- Other Business Services
- Human Resource Administration
- Food Services

## 6. Occupations

Employed graduates from the Social Services area found jobs in the following major occupation groups:

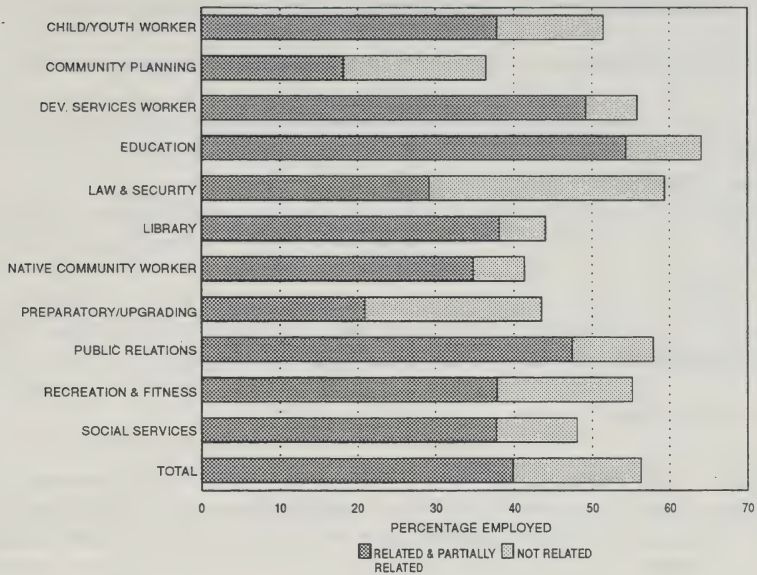
• Social Sciences	28%
• Services	20%
• Teaching and Related	19%
• Clerical	10%
• Other	<u>23%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-3 (pages 70-71). This provides an indication of the types of occupations in which graduates from the Social Services programs can find employment. The most common occupations are as follows:

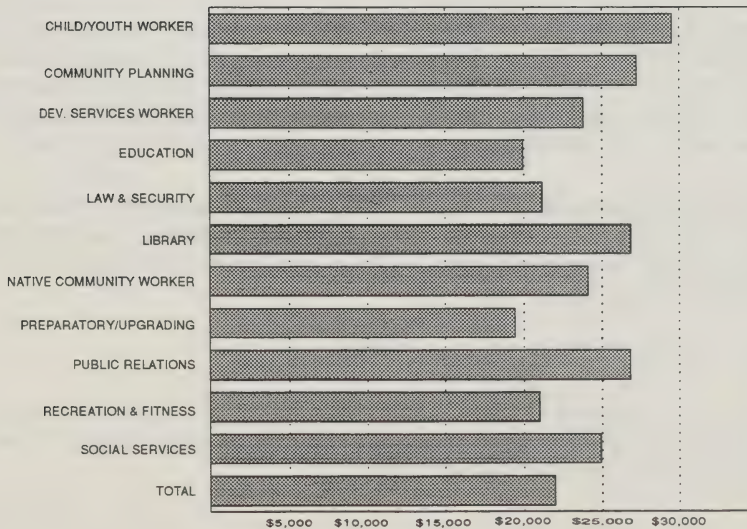
- Elementary and Kindergarten Teachers (Pre-School Teachers and Day-Care Worker Assistants)
- Occupations in Welfare and Community Services
- Guards and Related Security Occupations
- Educational and Vocational Counsellors
- Child-Care Occupations



**FIGURE 8**  
**GRADUATES EMPLOYED FULL-TIME,**  
**SOCIAL SERVICES PROGRAMS, 1993**



**FIGURE 9**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**SOCIAL SERVICES PROGRAMS, 1993**



## **B. VISUAL AND CREATIVE ARTS PROGRAMS**

This section discusses programs in the following fields:

- Advertising and Design
- Art
- Crafts
- Fashion
- Graphic Arts/Printing
- Horticulture
- Media
- Performing Arts

Detailed information on the employment experience of college graduates in the Visual and Creative Arts Programs is presented in Table A-4 (pages 72-74).

### ***1. Number of Graduates***

During the 1992-93 period, there were 3,122 graduates from English-language programs and 122 from French programs in the Visual and Creative Arts area for a total of 3,244 graduates. Together, they accounted for 10.2 per cent of the total number of college graduates in Ontario.

Within this area, graduates from programs in the Media field accounted for 39.0 per cent of the total. The next largest group was in the Advertising and Design field which accounted for 36.5 per cent of the total number of graduates in this area.

### ***2. Employment Status of Graduates***

Six months after graduation, 1,935 Visual and Creative Arts graduates reported that they were in the labour force. 1,542 or (79.7 per cent) of the Visual and Creative Arts graduates in the labour force were employed. The unemployment rate for this group was 20.3 per cent, which is lower than the 21.8 per cent average unemployment rate for all college graduates.

There were some programs where graduates had employment rates higher than the employment rate of all college graduates (78.1 per cent): Advertising and Design (78.4 per cent); Fashion (82.9 per cent); Crafts (88.2 per cent), Media (80.0 per cent) and Performing Arts (90.3 per cent).

### ***3. Relationship Between Job and Program of Study***

The proportion of Visual and Creative Arts graduates in the labour force who were employed full-time in jobs related to their fields was 43.4 per cent, which is above the average for all college graduates (42.3 per cent).



The proportion of Art graduates in the labour force with full-time jobs related to their program of study was 24.5 per cent, and that for the Crafts graduates was 35.3 per cent. Details on a program-by-program basis are presented in Figure 10 (page 39).

#### **4. Average Annual Earnings of Graduates**

In 1993, Visual and Creative Arts graduates earned an average annual starting salary of \$20,730, compared with the college-system average of \$23,220.

Average annual earnings by program are presented in Figure 11 (page 39). Only the Arts program reported an above average starting salary.

#### **5. Industry Sectors**

The major industry sectors in which Visual and Creative Arts graduates found employment are as follows:

• Wholesale and Retail Trade	21%
• Manufacturing	19%
• Accommodation, Food and Beverage	17%
• Business Services	16%
• Transportation/Communication	16%
• Other	<u>11%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-5 (page 75). This provides an indication of the types of industries hiring graduates from the Visual and Creative Arts programs. The top six industries are as follows:

- Telecommunication Broadcasting Industries
- Advertising Services
- Combined Publishing and Printing Industries
- Motion Picture, Audio and Video Production and Distribution
- Food Services
- General Merchandise Stores

## 6. Occupations

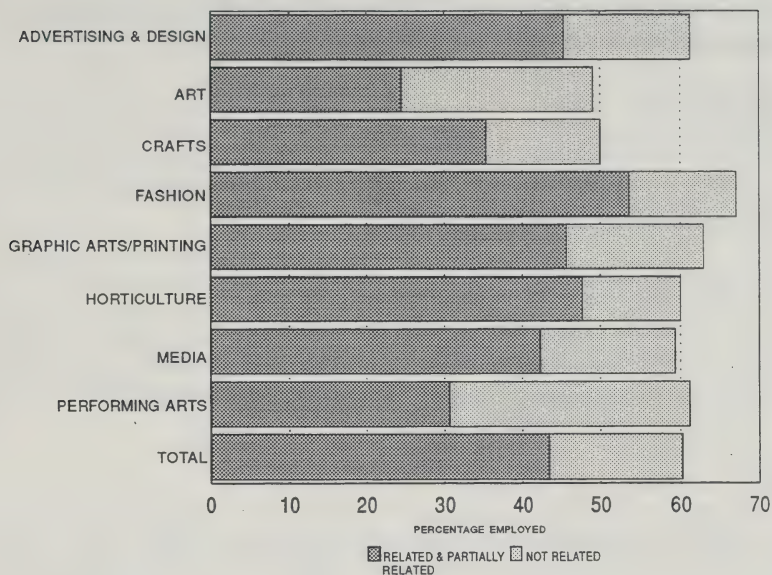
The major occupation groups in which Visual and Creative Arts graduates found employment are as follows:

· Performing Arts, Sports and Recreation	41%
· Sales	15%
· Clerical	10%
· Service	8%
· Other	<u>26%</u>
Total	100%

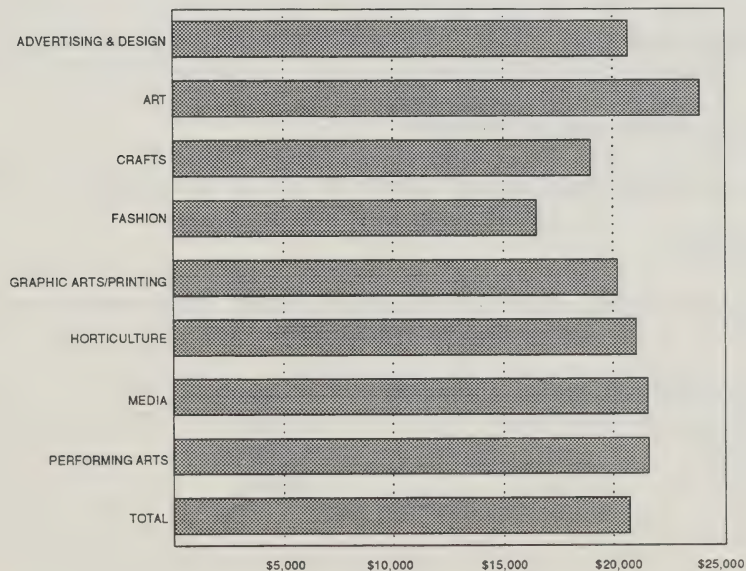
At the more detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-6 (page 76). This provides an indication of the types of occupations in which Visual and Creative Arts graduates can find employment. The most common occupations are as follows:

- Advertising and Illustrating Artists
- Writers and Editors, Publication
- Radio and TV Announcers
- Photographers and Camera Operators
- Sales Clerks, Commodity

**FIGURE 10**  
**GRADUATES EMPLOYED FULL-TIME,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1993**



**FIGURE 11**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**VISUAL AND CREATIVE ARTS PROGRAMS, 1993**



## C. HOSPITALITY PROGRAMS

This section discusses programs in the following fields:

- Culinary Arts
- Hospitality Management

Detailed information on the employment experience of college graduates in the Hospitality Programs is presented in Table A-7 (page 77).

### 1. *Number of Graduates*

During the 1992-93 period, 861 students graduated from the English-language Hospitality programs, another 9 students graduated from the French-language and Bilingual programs for a total of 870 graduates. Together, these graduates accounted for 2.7 per cent of the total number of college graduates in Ontario.

### 2. *Employment Status of Graduates*

Six months after graduation, 459 Hospitality graduates reported that they were in the labour force. Of these graduates, 388 or 84.5 per cent of the Hospitality graduates were working. In 1993, 15.5 per cent of the Hospitality graduates in the labour force were still looking for work, compared with all college graduates, who had an unemployment rate of 21.8 per cent.

### 3. *Relationship Between Job and Program of Study*

Slightly less than sixty per cent of the Hospitality graduates employed full-time were in jobs that utilized the skills and knowledge acquired during their years of study.

### 4. *Average Annual Earnings of Graduates*

In 1993, the average annual starting salary for Hospitality graduates was \$17,871.

### 5. *Industry Sectors*

The major industry sectors in which Hospitality graduates found employment are as follows:

• Accommodation, Food and Beverage	76%
• Wholesale & Retail Trade	9%
• Other	<u>15%</u>
Total	100%

At the detailed level, industries in which at least ten graduates are employed are listed in descending order of frequency in Table A-8 (page 78). This provides an indication of the types of industries hiring graduates from the Hospitality programs. The top two industries are as follows:

- Food Services
- Hotels, Motels and Tourist Courts

## 6. *Occupations*

The major occupation groups in which Hospitality graduates found employment are as follows:

• Service	64%
• Clerical	23%
• Other	<u>13%</u>
Total	100%

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-9 (page 79). This provides an indication of the types of occupations in which Hospitality graduates can find employment. The top four occupations were as follows:

- Chefs and Cooks
- Food and Beverage Serving Occupations
- Supervisors, Food and Beverage Preparation
- Hotel Clerks



## **D. OFFICE AND BUSINESS ADMINISTRATION PROGRAMS**

This section discusses programs in the following fields:

- Accounting Finance
- Aviation Management
- Business Computer
- Business Legal
- Business Management
- Government/Real Estate
- Human Resources/Industrial Relations
- Marketing/Retail Sales
- Materials Management
- Office Administration
- Office Administration - Health
- Office Administration - Legal
- Small Business
- Travel/Tourism

Detailed information on the employment experience of college graduates in the Office and Business Administration programs is presented in Table A-10 (pages 80-84).

### ***1. Number of Graduates***

The largest group of college graduates in the survey was from the Office and Business Administration programs. There were 8,518 graduates from English-language programs, 148 from French-language programs, and 42 from Bilingual programs, for a total of 8,708 or 27 per cent of the total number of college graduates.

About seven out of ten graduates in this area were enrolled in five fields:

- Accounting/Finance
- Business Computer
- Business Management
- Marketing/Retail Sales
- Office Administration

### ***2. Employment Status of Graduates***

Six months after graduation, 5,419 Office and Business Administration graduates reported that they were in the labour force. Of these graduates 4,173 or 77.0 per cent were working. The unemployment rate for this group (23.0 per cent) was slightly higher than the average for all graduates (21.8 per cent).



Graduates from programs in Aviation Management, Business Management, Human Resources/Industrial Relations, Marketing/Retail Sales, Materials Management, Office Administration - Legal, and Travel/Tourism fields had employment rates higher than the average for all college graduates (78.2 per cent).

### **3. *Relationship Between Job and Program of Study***

Overall, 45.1 per cent of the Office and Business Administration graduates in the labour force were employed full-time in jobs related to their program of study. Their performance compared favourably with that of the rest of the college graduates (42.3 per cent). Details on a program-by-program basis are presented in Figure 12 (page 45).

Within this program area, fields with more than 50 per cent of the graduates in the labour force employed in full-time jobs related to their training programs were as follows:

- Marketing/Retail Sales
- Materials Management

Government/Real Estates graduates experienced the lowest employment rate in full-time jobs related to their program of study (21.2%).

### **4. *Average Annual Earnings of Graduates***

Average annual earnings by program are presented in Figure 13 (page 45) Graduates from the Office and Business Administration programs earned \$22,041, which is below the average annual starting salary for all graduates (\$23,220).

In this group, the highest salaries were earned by graduates in Government/Real Estate (\$31,168), Business Computer (\$27,302), and Human Resources/Industrial Relations (\$25,205).

The average annual starting salaries for graduates from the Aviation Management, Office Administration, Office Administration Legal and Travel/Tourism fields were less than \$20,000.

### **5. *Industry Sectors***

Graduates from the Office and Business Administration area were dispersed over a larger number of industry sectors:

· Wholesale and Retail Trade	27%
· Business Services	17%
· Finance/Insurance and Real Estate	12%
· Manufacturing	11%
· Accommodation, Food and Beverage	11%
· Health and Social Services	8%
· Public Administration	7%
· Other	<u>7%</u>
Total	100%

At the detailed level, industries in which at least ten graduates were employed are listed in descending order of frequency in Table A-11 (pages 85-86). This provides an indication of the types of industries hiring graduates from Office and Business Administration programs. The top five industries are as follows:

- Offices of Lawyers and Notaries
- General Merchandise Stores
- Food Services
- Food Stores
- Computer and Related Services

## 6. Occupations

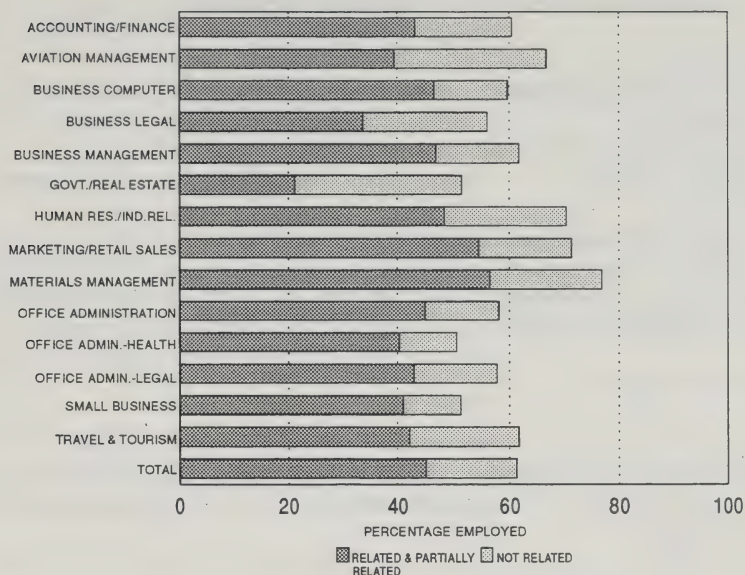
Graduates from the Office and Business Administration programs who were employed found jobs in the following major occupation groups:

· Clerical	50%
· Sales	17%
· Managerial	8%
· Service	7%
· Natural Science and Engineering	6%
· Other	<u>12%</u>
Total	100%

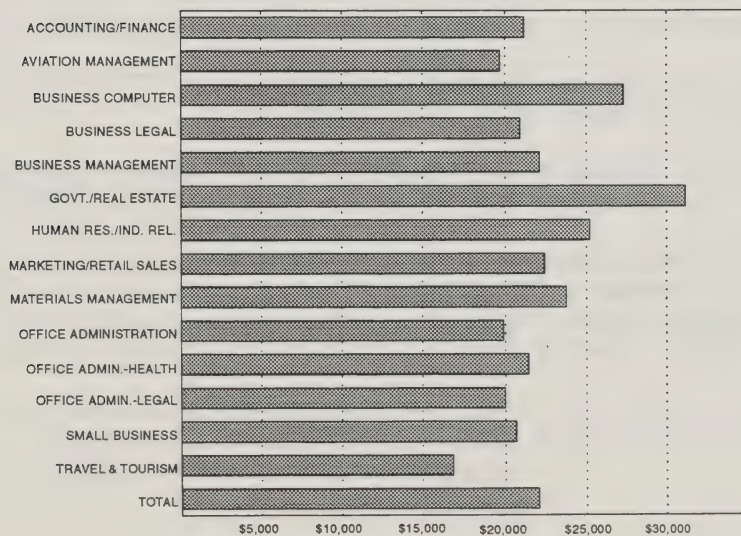
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-12 (pages 87-88). This provides an indication of the types of occupations in which graduates from the Office and Business Administration programs can find employment. The five most common occupations included:

- Secretaries and Stenographers
- Bookkeepers and Accounting Clerks
- Systems Analysts, Computer Programmers, and Related Occupations
- Tellers and Cashiers
- Sales Clerks, Commodities

**FIGURE 12**  
**GRADUATES EMPLOYED FULL-TIME,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1993**



**FIGURE 13**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1993**



## **E. HEALTH TECHNOLOGY PROGRAMS**

This section discusses programs in the following fields:

- Animal Care
- Health Technology, such as:
  - Radiography
  - Medical Laboratory Technology
  - Dental Technology
  - Chiropody
- Health Miscellaneous

Detailed information on the employment experience of college graduates in the Health Technology Programs is presented in Table A-13 (pages 89-90).

### ***1. Number of Graduates***

During the 1992-93 period, 5.4 per cent of the college graduates in Ontario were enrolled in Health Technology programs. 1,627 students graduated from English-language programs, 56 from French-language programs, and 17 from Bilingual programs for a total of 1,700 graduates.

### ***2. Employment Status of Graduates***

Six months after graduation, 1,122 Health Technology graduates reported that they were in the labour force. Of these graduates, 949 or 84.6 per cent were employed; only 15.4 per cent were unemployed, compared with the overall unemployment rate for all college graduates of 21.8 per cent.

### ***3. Relationship Between Job and Program of Study***

On average, 49.6 per cent of the Health Technology graduates in the labour force were employed in full-time jobs related to their program of study.

Specific English language Health Technology programs with more than 75 per cent of the graduates in the labour force employed in full-time jobs related to their studies included:

- Funeral Service Education
- Medical Diagnostics - Ultrasonography
- Ophthalmic Dispenser
- Veterinary Technology

Programs in which fewer than 40 per cent of the graduates in the labour force were employed in related full-time jobs include:



- Ambulance and Emergency Care
- Communicative Disorder Assistant
- Medical Laboratory Technology
- Radiography

Details on the relationship between the job and graduate's program of study are presented in Figure 14 (page 48).

#### **4. *Average Annual Earnings of Graduates***

Overall, graduates from the Health Technology programs were the second highest-paid group and earned an average annual salary of \$26,942. Details regarding earnings for graduates in this program area are presented in Figure 15 (page 48). Some programs within this area commanded much higher salaries. For example, Dental Hygiene graduates had the highest average starting salary at \$47,085.

#### **5. *Industry Sectors***

Sixty-five per cent of the graduates who were working at the time of the survey were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-14 (page 91). This provides an indication of the types of industries hiring graduates from the Health Technology programs. The top five industries are as follows:

- Offices of Physicians, Surgeons and Dentists, Private Practice
- Hospitals
- Non-Institutional Health Services
- Funeral Services
- Stores

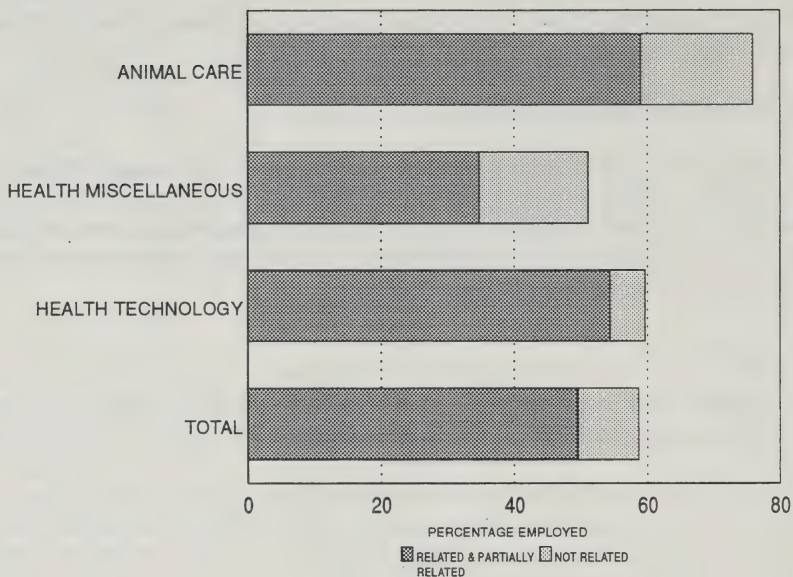
#### **6. *Occupations***

Health Technology graduates were concentrated in the major occupational group of Medicine and Health (72 per cent).

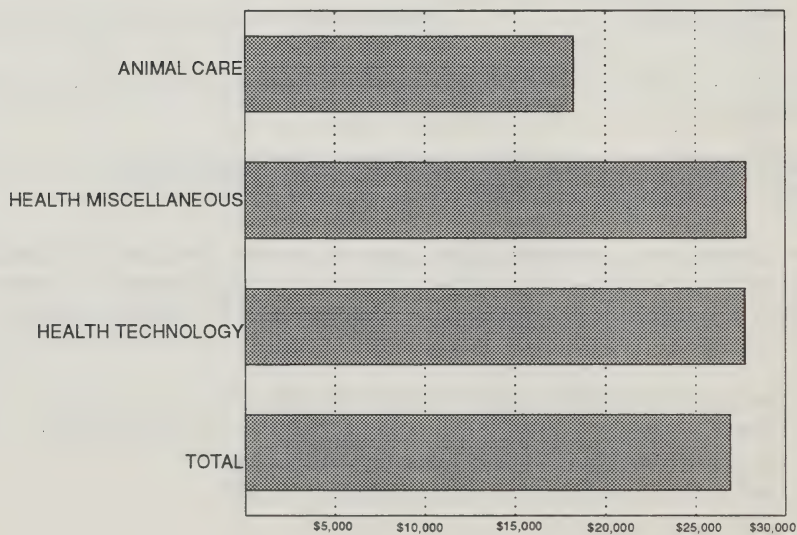
At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-15 (page 92). This provides an indication of the types of occupations in which graduates from the Health Technology programs can find employment. The most common occupations include:

- Denturists, Dental Hygienists, and Dental Assistants
- Other Occupations in Medicine and Health, N.E.C.
- Nursing, Therapy, and Related Assisting Occupations
- Funeral Directors, Embalmers and Related Occupations

**FIGURE 14**  
**GRADUATES EMPLOYED FULL-TIME,**  
**HEALTH TECHNOLOGY PROGRAMS, 1993**



**FIGURE 15**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**HEALTH TECHNOLOGY PROGRAMS, 1993**





## **F. NURSING AND RELATED PROGRAMS**

This section discusses programs in the following fields:

- Community Gerontology
- Nursing
- Nursing Assistant
- Postdiploma programs in Nursing

Detailed information on the employment experience of college graduates in the Nursing and Related Programs is presented in Table A-16 (page 93).

### ***1. Number of Graduates***

The total number of graduates from Nursing and Related programs in 1992-93 was 3,303, or 10.4 per cent of the total number of college graduates in Ontario. Of these, 3,217 were in English-language programs, 73 in French-language programs, and 13 in Bilingual programs.

### ***2. Employment Status of Graduates***

Eighty-three per cent of the graduates from Nursing and Related programs were working six months after graduation. This compares with 78 per cent for all college graduates.

### ***3. Relationship Between Job and Program of Study***

On average, 35.9 per cent of the Nursing and Related graduates in the labour force were employed full-time in jobs related to their programs of study, compared with 42.3 per cent for all college graduates.

### ***4. Average Annual Earnings of Graduates***

Graduates of Nursing and Related programs were the highest-paid group, earning an average annual salary of \$28,222.

### ***5. Industry Sectors***

An overwhelming majority of the graduates from Nursing and Related programs (87 per cent) were employed in the Health and Social Services industries.

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-17 (page 94). This provides an indication of the types of industries hiring graduates from Nursing and Related programs. The five most common industries are as follows:

- Hospitals
- Other Institutional Health and Social Services
- Non-Institutional Health Services
- Offices of Other Health Practitioners
- Health and Social Service Associations and Agencies

## **6. *Occupations***

Almost all the Nursing and Related graduates found jobs in the major occupation group, Medicine and Health.

At the detailed level, occupations with at least ten employed graduates are listed in descending order of frequency in Table A-18 (page 95). This provides an indication of the types of occupations in which graduates from the Nursing and Related programs can find employment. The top four occupations are as follows:

- Nurses, Graduate, except Supervisors
- Registered Nursing Assistants
- Nursing Attendants
- Occupations in Welfare and Community Services

## G. TECHNOLOGY PROGRAMS

This section discusses programs in the following fields:

- Architectural
- Automotive
- Aviation - Flight
- Aviation - Maintenance
- Chemical/Biological
- Civil
- Drafting
- Electronics
- Furniture/Wood Products
- Geology/Mining
- Industrial
- Instrumentation
- Machining
- Marine
- Mechanical
- Power
- Resources
- Technology-Miscellaneous
- Welding

Detailed information on the employment experience of college graduates in the Technology Programs is presented in Table A-19 (pages 96-101).

### *1. Number of Graduates*

During the 1992-93 period, the total number of Technology graduates was 5,961, or 18.8 per cent of the total number of college graduates in Ontario. Of these, 5,764 graduates were enrolled in English-language programs, 180 in French-language programs, and 17 in Bilingual programs.

Within this area, two-thirds of the graduates were enrolled in programs in the following five fields:

- Architectural
- Civil
- Electronics
- Mechanical
- Resources

## **2. *Employment Status of Graduates***

Six months after graduation, 3,339 Technology graduates reported that they were in the labour force. Of these graduates, 2,341 or 70.1 per cent were working. The average unemployment rate for this group was 29.9 per cent, compared with 21.8 per cent for all college graduates.

Only Technology graduates in the Furniture/Wood Products program (78.6 per cent) had an employment rate higher than the average for all college graduates (78.1 per cent).

Technology graduates with an employment rate of less than 70 per cent six months after graduation had been enrolled in the following fields:

- Civil
- Drafting
- Geology/Mining
- Industrial
- Instrumentation
- Power
- Resources
- Welding

## **3. *Relationship Between Job and Program of Study***

Overall, 40.3 per cent of the Technology graduates who were in the labour force were employed in full-time jobs related to their training programs, which is below the average for all college graduates (42.3 per cent). Details on a program-by-program basis are presented in Figure 16 (page 55).

Technology fields with more than 50 per cent of the graduates in the labour force employed in full-time jobs related to their training programs included:

- Machining
- Marine
- Mechanical

Technology fields with less than 40 per cent of the graduates in the labour force in full-time related employment were as follows:

- Architectural
- Aviation - Flight
- Aviation - Maintenance
- Drafting
- Geology/Mining
- Industrial

- Instrumentation
- Power
- Resources
- Technology Miscellaneous
- Welding

#### 4. *Average Annual Earnings of Graduates*

Technology graduates were the third-highest paid group. On average, they earned an annual starting salary of \$25,269. Average annual earnings by program are presented in Figure 17 (page 55).

The highest-paid graduates in the Technology area were those in the Geology/Mining program. They earned an annual salary of \$32,047, followed by Welding (\$31,427) and Power graduates (\$29,874).

The lowest-paid graduates in the Technology area were in the Aviation - Flight (\$16,915) and Aviation - Maintenance (\$20,478) fields.

#### 5. *Industry Sectors*

Technology graduates were dispersed over a wide range of industry sectors:

· Manufacturing	26%
· Wholesale and Retail Trade	19%
· Business Services	13%
· Construction	13%
· Public Administration	8%
· Transportation/Communication and Other	7%
· Accommodation, Food, Beverage and Other	6%
· Other	<u>8%</u>
Total	100%

At the detailed level, industries with at least ten employed graduates are listed in descending order of frequency in Table A-20 (pages 102-103). This provides an indication of the types of industries hiring graduates from Technology programs. The top five industries are as follows:

- Architectural, Engineering, and Other Scientific and Technical Services
- Computer and Related Services
- Economic Services Administration
- Food Services
- Communication and other Electronic Equipment Industries

## 6. Occupations

Technology graduates employed in 1993 were working in the following major occupation groups:

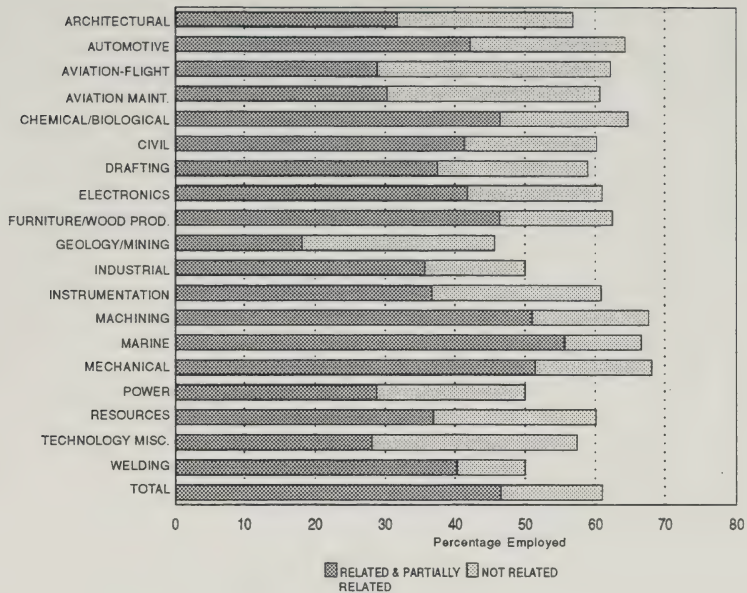
· Natural Sciences and Engineering	27%
· Processing/Machining and Fabricating	23%
· Construction	12%
· Sales	8%
· Clerical	7%
· Services	7%
· Other	<u>16%</u>
Total	100%

The more detailed occupational breakdown presented in Table A-21 (pages 104-105) indicates that the top five occupations for Technology graduates were as follows:

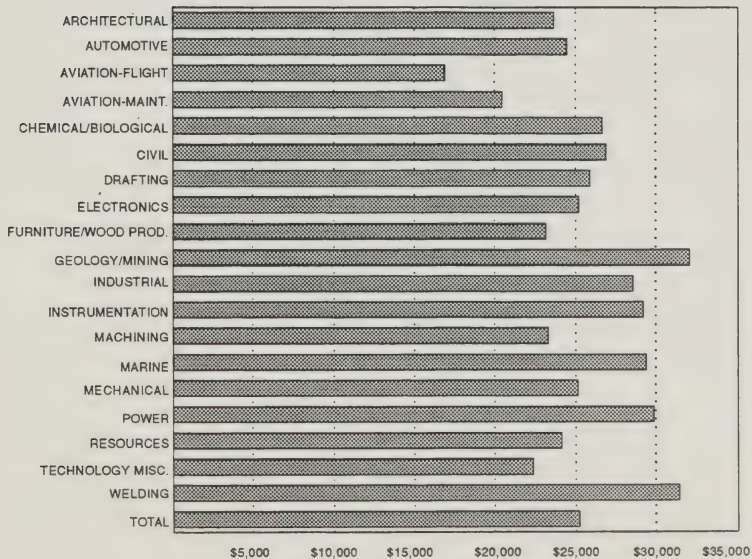
- Architectural and Engineering Technologists and Technicians
- Systems Analysts, Computer Programmers, and Related Occupations
- Electronic and Related Equipment Installers
- Drafting Occupations
- Sales Clerk, Commodities



**FIGURE 16**  
**GRADUATES EMPLOYED FULL-TIME,**  
**TECHNOLOGY PROGRAMS, 1993**



**FIGURE 17**  
**AVERAGE ANNUAL EARNINGS OF GRADUATES,**  
**TECHNOLOGY PROGRAMS, 1993**





## APPENDICES



## **A P P E N D I X   A**

### **T A B L E S   O F   E M P L O Y M E N T   P R O F I L E S   B Y   P R O G R A M   A R E A**





## APPENDIX A

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## EXPLANATION OF TABLES IN APPENDIX A

This section provides an explanation of the tables on employment picture of college graduates by program area presented in Appendix A. As an aid to understanding the tables, an example, using the "Total Graduates" in the survey is provided below.

(1)	(2)		(3)		(4)	(5)	(6)	(7)
Total Grads 1992-93	Total in Survey #	%	Grads in the Labour Force # %		Percentage Employed	Percentage Employed Full-Time	Percentage Employed Full Time in Related Job	Average Annual Salary \$
31,764	23,026	72.5	19,145	83.1	78.2	57.7	42.3	23,220

1. **Total Graduates:** Represents all students (both full-time students and full-time students who transferred to part-time studies and then graduated) who graduated in Summer 1992, Fall 1992, and Winter 1993 and is referred to as the survey population. A questionnaire was mailed to all (31,764) graduates.
2. **Total in the Survey:** Represents the number of graduates who returned completed questionnaires. All survey results are based on this population (23,026). The percentage represents the response rate, that is, the number of graduates who responded as a percentage of the total number of college graduates ( $23,026 \div 31,764 \times 100 = 72.5$ ).
3. **Graduates in the Labour Force:** Represents the number of respondents who were either employed or unemployed during the reference weeks, i.e., February 28-March 6, 1993, July 4-10, 1993, and October 31-November 6, 1993 (19,145). The percentage represents the labour force participation rate, that is, the number of graduates in the labour force as a percentage of the total number of respondents ( $19,145 \div 23,026 \times 100 = 83.1\%$ ).
4. **Percentage Employed:** Represents respondents who were employed full-time or part-time as a percentage of the graduates in the labour force (78.2%).  
Percentage unemployed therefore is:  $100\% - 78.2\% = 21.8\%$ .
5. **Percentage Employed Full-time:** Represents respondents who were employed in full-time jobs (11,043) as a percentage of the total graduates in the labour force. (i.e.  $11,043 \div 19,145 \times 100 = 57.7\%$ ).
6. **Percentage Employed Full-time in Related Jobs:** Represents the respondents who were employed in full-time jobs related or partially related to their training programs (8,104) as a percentage of graduates in the labour force (i.e.  $8,104 \div 19,145 \times 100 = 42.3\%$ ). This is based on the graduates responses to question 15 in the survey.

7. **Average Annual Salary:** Represents the average annual starting salary of respondents who were employed full-time in jobs related or partially related to their training (\$23,220).

TABLE A-1

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
SOCIAL SERVICES PROGRAMS, 1993

JOURNAL SERVICE - WORKERS' COMPENSATION													
	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$
			#	%	#	%	%	%	%	%	%	%	
<b>ENGLISH PROGRAMS</b>													
<b>CHILD/YOUTH WORKER</b>													
CHILD AND YOUTH WORKER	3 YR	318	233	73.3	216	92.7	85.6	51.4	40.3	24,318	40.3	24,318	
TOTAL		318	233	73.3	216	92.7	85.6	51.4	40.3	24,318	40.3	24,318	
<b>COMMUNITY PLANNING</b>													
COMMUNITY PLANNING	2 YR	15	15	100.0	11	73.3	63.6	36.4	18.2	-	18.2	-	
DESIGN - URBAN	3 YR	3	0	0.0	0	-	-	-	-	-	-	-	
TOTAL		18	15	83.3	11	73.3	63.6	36.4	18.2	-	18.2	-	
<b>DEVELOPMENTAL SERVICES WORKER</b>													
DEVELOPMENTAL DISABILITIES WORKER	PD	14	12	85.7	10	83.3	90.0	60.0	60.0	20,911	60.0	20,911	
DEVELOPMENTAL SERVICES WORKER	2 YR	563	401	71.2	344	85.8	87.5	56.4	49.4	23,986	49.4	23,986	
TOTAL		577	413	71.6	354	85.7	87.6	56.5	49.7	23,854	49.7	23,854	
<b>EDUCATION</b>													
DAY CARE ASSISTANT	1 YR	67	42	62.7	27	64.3	70.4	37.0	29.6	15,659	29.6	15,659	
EARLY CHILDHOOD EDUC. - SPECIAL NEEDS	PD	16	16	100.0	14	87.5	100.0	64.3	64.3	22,587	64.3	22,587	
EARLY CHILDHOOD EDUCATION	2 YR	1,573	1,184	75.3	1,021	86.2	89.5	67.6	58.7	19,910	58.7	19,910	
EDUCATIONAL ASSISTANT	2 YR	74	69	93.2	61	88.4	80.3	39.3	9.8	17,267	9.8	17,267	
EDUCATIONAL ASSISTANT	PD	21	18	85.7	16	88.9	56.3	31.3	18.8	-	18.8	-	
EDUCATIONAL RESOURCES & SPECIAL NEEDS	2 YR	30	29	96.7	25	86.2	64.0	18.0	12.0	-	12.0	-	
TOTAL		1,781	1,358	76.2	1,164	85.7	87.7	63.7	54.0	19,932	54.0	19,932	
<b>LAW AND SECURITY</b>													
CORRECTIONAL WORKER	2 YR	276	218	79.0	199	91.3	80.4	50.8	25.6	24,784	25.6	24,784	
LAW AND SECURITY - BASIC	1 YR	38	26	68.4	21	80.8	57.1	52.4	19.0	26,345	19.0	26,345	
LAW AND SECURITY ADMINISTRATION	2 YR	1,563	1,123	71.8	996	88.7	80.4	62.7	31.3	20,395	31.3	20,395	
NATURAL RESOURCES TECHY - LAW ENFORCE.	PD	37	29	78.4	27	93.1	55.6	51.9	22.2	22,862	22.2	22,862	
PROTECTIVE SECURITY	1 YR	28	20	76.9	10	50.0	80.0	50.0	20.0	-	20.0	-	
SECURITY ALARM TECHNIQUES	1 YR	19	14	73.7	13	92.9	46.2	30.8	30.8	21,205	30.8	21,205	
TOTAL		1,959	1,430	73.0	1,266	86.5	79.1	60.0	29.9	21,075	29.9	21,075	
<b>LIBRARY</b>													
ARCHIVES TECHNICIAN	2 YR	20	19	95.0	16	84.2	87.5	56.3	50.0	26,050	50.0	26,050	
LIBRARY AND INFORMATION TECHNICIAN	2 YR	94	73	77.7	68	93.2	68.2	41.2	35.3	27,085	35.3	27,085	
TOTAL		114	92	80.7	84	91.3	70.2	44.0	38.1	26,834	38.1	26,834	

TABLE A-1 (cont'd)

PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB										
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TABLE A-1 (cont'd)

		TOTAL				TOTAL IN				GRADS IN LABOUR				PERCENTAGE		PERCENTAGE		PERCENTAGE		AVERAGE	
		GRADS		SURVEY		FORCE		EMPLOYED		EMPLOYED		FULL-TIME		FULL-TIME		IN RELATED		ANNUAL			
DURATION		#	%	#	%	#	%	#	%	#	%	%	%	%	%	%	%	\$			
SOCIAL SERVICES																					
2 YR		37		23	62.2	21	91.3		66.7		38.1		28.6		23,176						
PD		22		12	54.5	11	91.7		81.8		45.5		27.3		—						
2 YR		94		68	72.3	61	89.7		85.2		54.1		42.6		27,306						
3 YR		16		14	87.5	14	100.0		71.4		57.1		50.0		25,481						
2 YR		36		21	58.3	21	100.0		47.6		19.0		9.5		—						
3 YR		18		17	94.4	15	88.2		93.3		68.7		46.7		27,789						
2 YR		25		13	52.0	10	76.9		50.0		40.0		10.0		—						
2 YR		19		17	89.5	14	82.4		92.9		35.7		28.6		29,722						
2 YR		16		2	12.5	—	—		—		—		—		—						
2 YR		38		24	63.2	20	83.3		75.0		60.0		60.0		26,161						
2 YR		46		25	54.3	20	80.0		100.0		60.0		35.0		25,057						
3 YR		27		15	55.6	14	93.3		92.9		78.6		71.4		23,997						
2 YR		1		—	—	—	—		—		—		—		—						
2 YR		827		624	75.5	523	83.8		73.2		48.8		37.5		24,532						
TOTAL		1,222		876	71.7	746	85.2		75.1		48.1		37.9		25,028						
TOTAL ENGLISH PROGRAMS		7,660		5,560	72.6	4,605	82.8		80.6		56.4		40.2		21,974						
FRENCH PROGRAMS																					
3 YR		31		27	87.1	25	92.6		88.0		52.0		16.0		28,095						
TOTAL		31		27	87.1	25	92.6		88.0		52.0		16.0		28,095						
DEVELOPMENTAL SERVICES WORKER																					
2 YR		29		28	96.6	22	78.6		77.3		45.5		40.9		22,548						
TOTAL		29		28	96.6	22	78.6		77.3		45.5		40.9		22,546						
EDUCATION																					
2 YR		37		31	83.8	27	87.1		85.2		74.1		70.4		20,397						
TOTAL		37		31	83.8	27	87.1		85.2		74.1		70.4		20,397						
LAW AND SECURITY																					
2 YR		32		24	75.0	23	95.8		87.0		52.2		13.0		20,391						
2 YR		81		74	91.4	52	70.3		61.5		50.0		17.3		24,275						
TOTAL		113		98	86.7	75	76.5		69.3		50.7		16.0		23,304						

TABLE A-1 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$
			#	%	#	%	%	%	%	%			
PREPARATORY/UPGRADING													
COLLEGE VOCATIONAL	2 YR	4	4	100.0	4	100.0	25.0	0.0	0.0	0.0	—	—	
GENERAL ARTS AND SCIENCE	2 YR	7	6	85.7	5	83.3	80.0	40.0	20.0	11.1	—	—	
TOTAL		11	10	90.9	9	90.0	55.6	22.2	11.1	—	—	—	
PUBLIC RELATIONS													
PUBLIC RELATIONS	2 YR	6	5	83.3	4	80.0	100.0	75.0	75.0	75.0	—	—	
TOTAL		6	5	83.3	4	80.0	100.0	75.0	75.0	75.0	—	—	
RECREATION/FITNESS													
RECREATION LEADERSHIP	2 YR	8	8	100.0	4	50.0	100.0	100.0	100.0	100.0	21,038	21,038	
TOTAL		8	8	100.0	4	50.0	100.0	100.0	100.0	100.0	21,038	21,038	
SOCIAL SERVICES													
BEHAVIOURAL SCIENCE TECHNICIAN	2 YR	20	17	85.0	8	47.1	75.0	62.5	62.5	62.5	20,683	20,683	
SOCIAL SERVICE WORKER	2 YR	52	49	94.2	29	59.2	65.5	44.8	27.6	27.6	23,816	23,816	
TOTAL		72	66	91.7	37	56.1	67.6	48.6	35.1	35.1	22,611	22,611	
TOTAL FRENCH PROGRAMS		307	273	88.9	203	74.4	74.9	53.2	32.0	32.0	22,220	22,220	
BILINGUAL PROGRAMS													
EDUCATION													
EARLY CHILDHOOD EDUCATION	2 YR	4	4	100.0	3	75.0	100.0	100.0	100.0	100.0	66.7	—	
TOTAL		4	4	100.0	3	75.0	100.0	100.0	100.0	100.0	66.7	—	
SOCIAL SERVICES													
SOCIAL SERVICE WORKER	2 YR	7	6	85.7	4	66.7	50.0	25.0	25.0	25.0	25.0	—	
TOTAL		7	6	85.7	4	66.7	50.0	25.0	25.0	25.0	25.0	—	
TOTAL BILINGUAL PROGRAMS		11	10	90.9	7	70.0	71.4	57.1	42.9	42.9	42.9	—	
TOTAL SOCIAL SERVICES PROGRAMS		7,978	5,843	73.2	4,815	82.4	80.3	56.3	39.8	39.8	21,975	21,975	

Note: See Appendix F for a list of abbreviations used in this table.

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
SOCIAL SERVICES PROGRAMS, 1983

INDUSTRY*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NON-INSTITUTIONAL SOCIAL SERVICES	713	228	941	28.4
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	222	159	381	10.7
OTHER BUSINESS SERVICES	172	38	210	5.9
HUMAN RESOURCE ADMINISTRATION	119	67	186	5.2
FOOD SERVICES	104	59	163	4.6
PROTECTIVE SERVICES	98	26	124	3.5
FOOD STORES	51	66	117	3.3
GENERAL MERCHANDISE STORES	61	39	100	2.8
ELEMENTARY AND SECONDARY EDUCATION	63	28	91	2.5
GENERAL ADMINISTRATIVE SERVICES	55	15	70	2
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	41	27	68	1.9
NON-INSTITUTIONAL HEALTH SERVICES	38	23	61	1.7
HOSPITALS	29	22	51	1.4
POST-SECONDARY NON-UNIVERSITY EDUCATION	38	10	48	1.3
PRIVATE HOUSEHOLDS	38	10	48	1.3
SPORTS AND RECREATION CLUBS AND SERVICES	38	10	48	1.3
HOTELS, MOTELS AND TOURIST COURTS	29	13	42	1.2
ECONOMIC SERVICES ADMINISTRATION	21	4	25	0.7
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	12	13	25	0.7
WOMEN'S CLOTHING STORES	12	9	21	0.6
OTHER PERSONAL AND HOUSEHOLD SERVICES	13	5	18	0.5
CHARTERED BANKS AND OTHER BANKING-TYPE INTERMEDIARIES	13	5	18	0.5
OTHER AMUSEMENT AND RECREATIONAL SERVICES	13	4	17	0.5
OTHER RETAIL STORES	11	5	16	0.4
GASOLINE SERVICE STATIONS	14	--	14	0.4
ADVERTISING SERVICES	13	1	14	0.4
PRIMARY STEEL INDUSTRIES	13	1	14	0.4
SPORTING GOODS AND BICYCLE SHOPS	12	1	13	0.4
MOTOR VEHICLE INDUSTRY	10	2	12	0.3
BUSINESS ASSOCIATIONS	12	--	12	0.3
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	7	4	11	0.3
LIBRARY SERVICES	4	7	11	0.3
TAVERNS, BARS AND NIGHT CLUBS	7	3	10	0.3
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	10	--	10	0.3
LABOUR AND EMPLOYMENT SERVICES	8	2	10	0.3
UNIVERSITY EDUCATION	2,140	921	3,061	85.7
SUB-TOTAL	409	100	509	14.3
OTHER	2,549	1,021	3,570	100.0
TOTAL **				

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-3

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
SOCIAL SERVICES PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ELEMENTARY & KINDERGARTEN TEACHERS	447	126	573	16.1
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	335	192	527	14.8
GUARDS & RELATED SECURITY OCCUPATIONS	194	39	233	6.5
EDUCATIONAL & VOCATIONAL COUNSELLORS	95	68	163	4.6
CHILD-CARE OCCUPATIONS	131	28	159	4.5
SOCIAL WORKERS	98	56	154	4.3
SALES CLERKS, COMMODITIES	79	56	135	3.8
TELLERS & CASHIERS	57	60	117	3.3
FOOD & BEVERAGE SERVING OCCUPATIONS	60	45	105	2.9
OTHER OCCUPATIONS IN SOCIAL SCIENCE & RELATED FIELDS, N.E.C.	67	33	100	2.8
OTHER TEACHING & RELATED OCCUPATIONS, N.E.C.	48	23	71	2.0
POLICE OFFICERS & DETECTIVES, GOVERNMENT	55	11	66	1.9
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	58	6	64	1.8
CHEFS & COOKS	22	9	31	0.9
COACHES, TRAINERS, INSTRUCTORS & MANAGERS, SPORT & RECREATION	19	9	28	0.8
POLICE AGENTS & INVESTIGATORS, PRIVATE	23	5	28	0.8
SALES WORKERS, COMMODITIES, N.E.C.	21	7	28	0.8
COLLECTORS	13	14	27	0.8
SECRETARIES & STENOGRAPHERS	23	3	26	0.7
SUPERVISORS; SALES OCCUPATIONS, COMMODITIES	24	2	26	0.7
TEACHERS OF EXCEPTIONAL STUDENTS, N.E.C.	22	4	26	0.7
TECHNICIANS IN LIBRARY, MUSEUM & ARCHIVAL SCIENCES	16	10	26	0.7
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	14	9	23	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	20	3	23	0.6
RECEPTIONISTS & INFORMATION CLERKS	17	6	23	0.6
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	20	2	22	0.6
ATTENDANT, SPORT & RECREATION	12	7	19	0.5
GENERAL OFFICE CLERKS	15	4	19	0.5
ADMINISTRATOR IN MEDICINE & HEALTH	7	10	17	0.5
NURSING ATTENDANTS	4	13	17	0.5
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	11	6	17	0.5
JANITORS, CHARWORKERS & CLEANERS	10	6	16	0.4
NURSERY & RELATED WORKERS	13	3	16	0.4

TABLE A-3 (cont'd)

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, METAL PROCESSING	15	1	16	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: FOOD, BEVERAGE & RELATED PROCESSING	15	1	16	0.4
ASSEMBLING & REPAIRING, N.E.C.	15	1	16	0.4
SHIPPING & RECEIVING CLERKS	13	3	16	0.4
BOOKKEEPERS & ACCOUNTING CLERKS	11	4	15	0.4
BARTENDERS	6	8	14	0.4
LIBRARIAN, ARCHIVIST & CONSERVATOR	10	4	14	0.4
LIBRARY & FILE CLERKS	8	6	14	0.4
PERSONNEL AND RELATED OFFICERS	14	--	14	0.4
HEALTH DIAGNOSING & TREATING OCCUPATIONS, N.E.C.	7	6	13	0.4
MESSANGER	9	4	13	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICES	5	8	13	0.4
OFFICIALS & ADMINISTRATORS UNIQUE TO GOVERNMENT, N.E.C.	12	--	12	0.3
PROTECTIVE SERVICE OCCUPATION, NEC	7	5	12	0.3
STOCK CLERKS & RELATED OCCUPATIONS	8	4	12	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: EXCAVATING, GRADING & PAVING	8	3	11	0.3
TRANSLATOR & INTERPRETER	10	1	11	0.3
EDP EQUIPMENT OPERATORS	9	1	10	0.3
MOTOR-VEHICLE MECHANICS & REPAIRERS	9	1	10	0.3
TRUCK DRIVER	9	1	10	0.3
<b>SUB-TOTAL</b>	<b>2,250</b>	<b>937</b>	<b>3,187</b>	<b>89.3</b>
<b>OTHER</b>	<b>299</b>	<b>81</b>	<b>380</b>	<b>10.7</b>
<b>TOTAL **</b>	<b>2,549</b>	<b>1,018</b>	<b>3,567</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



TABLE A-4  
EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1993

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$
			#	%	#	%	%	%	%	%	%	%	
ENGLISH PROGRAMS													
ADVERTISING AND DESIGN													
ADVERTISING	2 YR	161	123	76.4	115	93.5	88.7	70.4	52.2	52.2	52.2	20,755	
ADVERTISING	3 YR	71	30	42.3	28	93.3	67.9	60.7	50.0	50.0	50.0	19,714	
ADVERTISING AND GRAPHIC DESIGN	2 YR	227	123	54.2	106	86.2	74.5	54.7	33.0	33.0	33.0	19,815	
ADVERTISING AND GRAPHIC DESIGN	3 YR	408	281	68.9	259	92.2	75.3	58.3	49.8	49.8	49.8	21,570	
CREATIVE ADVERTISING	2 YR	46	18	39.1	14	77.8	57.1	42.9	21.4	21.4	21.4	-	
GRAPHIC DESIGN FUNDAMENTALS	1 YR	7	7	100.0	5	71.4	80.0	60.0	40.0	40.0	40.0	-	
INTERIOR DESIGN	2 YR	76	24	31.6	24	100.0	79.2	58.3	45.8	45.8	45.8	15,254	
INTERIOR DESIGN	3 YR	112	76	67.9	68	89.5	85.3	69.1	38.2	38.2	38.2	20,888	
VISUAL MERCHANDISING ARTS	2 YR	29	22	75.9	21	95.5	90.5	76.2	71.4	71.4	71.4	20,763	
TOTAL		1,137	704	61.9	640	90.9	78.6	61.4	46.1	46.1	46.1	20,674	
ART													
ART CONSERVATION TECHNIQUES	3 YR	7	7	100.0	7	100.0	57.1	57.1	42.9	42.9	42.9	-	
ART FUNDAMENTALS	1 YR	83	81	97.6	8	9.9	87.5	82.5	25.0	25.0	25.0	-	
FINE ARTS AND CRAFTS	2 YR	18	14	77.8	6	42.9	83.3	50.0	16.7	16.7	16.7	-	
FINE ARTS AND CRAFTS - ADVANCED	3 YR	44	28	63.6	19	67.9	73.7	47.4	15.8	15.8	15.8	-	
MUSEUM TECHNOLOGY	3 YR	20	15	75.0	13	86.7	89.2	38.5	30.8	30.8	30.8	22,332	
TOTAL		172	145	84.3	53	36.6	73.6	49.1	24.5	24.5	24.5	23,856	
CRAFTS													
CERAMICS	2 YR	12	8	66.7	6	75.0	100.0	83.3	50.0	50.0	50.0	-	
CERAMICS - ADVANCED	3 YR	12	9	75.0	8	88.9	100.0	12.5	0.0	0.0	0.0	-	
GEMMOLOGY	1 YR	12	7	58.3	6	85.7	83.3	66.7	50.0	50.0	50.0	-	
JEWELLERY ARTS	3 YR	16	10	62.5	8	80.0	87.5	50.0	37.5	37.5	37.5	-	
JEWELLERY REPAIRS	1 YR	9	6	66.7	6	100.0	66.7	50.0	50.0	50.0	50.0	-	
TOTAL		61	40	65.6	34	85.0	88.2	50.0	35.3	35.3	35.3	19,003	
FASHION													
APPAREL MANUFACTURING MANAGEMENT	2 YR	10	6	60.0	4	66.7	75.0	75.0	75.0	75.0	75.0	-	
COSMETIC SALES	1 YR	18	16	88.9	12	75.0	66.7	50.0	33.3	33.3	33.3	13,668	
COSMETIC TECHNIQUES	2 YR	23	16	69.6	13	81.3	100.0	92.3	76.9	76.9	76.9	19,237	
ESTHETICIAN	2 YR	25	17	68.0	16	94.1	100.0	100.0	93.8	93.8	93.8	19,817	
FASHION ARTS	3 YR	38	23	60.5	21	91.3	81.0	52.4	47.6	47.6	47.6	15,813	
FASHION ARTS - MODELLING AND FASHION	2 YR	15	13	86.7	12	92.3	91.7	66.7	58.3	58.3	58.3	16,412	
FASHION MGT & COMPU. DESIGN TECHNIQUES	PD	12	11	91.7	9	81.8	100.0	88.9	77.8	77.8	77.8	16,551	
FASHION TECHNIQUE AND DESIGN	2 YR	110	74	67.3	53	71.6	73.6	56.6	35.8	35.8	35.8	16,110	
TOTAL		251	176	70.1	140	79.5	82.9	67.1	53.6	53.6	53.6	16,517	



TABLE A-4 (cont'd)

	DURATION	TOTAL GRADS	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL-TIME	PERCENTAGE EMPLOYED FULL-TIME JOB	AVERAGE ANNUAL SALARY	\$
			#	%	#	%					
GRAPHIC ARTS/PRINTING											
GRAPHIC ARTS REPROD-PRODUCTION CO-ORD	3 YR	8	8	100.0	7	87.5	57.1	57.1	28.6	-	-
GRAPHIC SIGN DESIGN AND PRODUCTION	2 YR	23	14	60.9	11	78.6	63.6	54.5	27.3	-	-
PRINTING TECHNICIAN	2 YR	21	12	57.1	9	75.0	88.9	77.8	77.8	21,658	21,658
PRINTING TECHNOLOGY	3 YR	7	3	42.9	3	100.0	33.3	33.3	33.3	-	-
TOTAL		59	37	62.7	30	81.1	66.7	60.0	43.3	19,654	19,654
HORTICULTURE											
LANDSCAPE AND HORTICULTURAL TECHN	2 YR	75	52	69.3	44	84.6	75.0	56.8	43.2	21,779	21,779
LANDSCAPE AND HORTICULTURAL TECHQS.	1 YR	3	0	0.0	0	-	-	-	-	-	-
LANDSCAPE AND HORTICULTURAL TECHY	3 YR	6	3	50.0	2	86.7	100.0	100.0	100.0	-	-
RETAIL FLORIST	1 YR	32	22	68.8	14	63.6	78.6	64.3	57.1	16,973	16,973
TOTAL		116	77	66.4	60	77.9	76.7	60.0	48.3	20,665	20,665
MEDIA											
ANIMATION	3 YR	17	16	94.1	14	87.5	92.9	78.8	71.4	23,395	23,395
ANIMATION - TELEVISION	2 YR	14	13	92.9	10	76.9	70.0	70.0	40.0	37,357	37,357
AUDIO-VISUAL TECHNICIAN	2 YR	70	48	68.6	40	83.3	75.0	60.0	42.5	17,763	17,763
BOOK AND MAGAZINE PUBLISHING	2 YR	32	22	68.8	19	86.4	73.7	63.2	52.6	23,848	23,848
BROADCASTING - RADIO AND TELEVISION	2 YR	319	230	72.1	208	90.4	81.3	51.9	34.1	18,984	18,984
BROADCASTING - RADIO AND TELEVISION	3 YR	108	86	79.6	81	94.2	76.5	54.3	30.9	20,246	20,246
BROADCASTING - RADIO AND TELEVISION	PD	21	20	95.2	18	90.0	83.3	61.1	50.0	16,969	16,969
COMPUTER ANIMATION	PD	13	12	92.3	11	91.7	90.9	81.8	72.7	35,830	35,830
COMPUTER GRAPHICS	PD	15	12	80.0	10	83.3	80.0	60.0	40.0	25,788	25,788
FILM AND TELEVISION PRODUCTION	3 YR	21	18	85.7	16	88.9	87.5	62.5	43.8	20,548	20,548
FILM PRODUCTION	2 YR	16	10	62.5	10	100.0	80.0	30.0	20.0	-	-
JOURNALISM - PRINT AND BROADCASTING	2 YR	203	166	81.8	140	84.3	81.4	59.3	42.1	19,667	19,667
JOURNALISM - PRINT AND BROADCASTING	3 YR	92	66	71.7	63	95.5	82.5	65.1	42.9	22,868	22,868
MEDIA ARTS	2 YR	32	27	84.4	26	96.3	92.3	76.9	65.4	25,455	25,455
MEDIA FUNDAMENTALS	1 YR	5	5	100.0	1	-	-	-	-	-	-
MUSIC INDUSTRY ARTS	2 YR	54	52	96.3	42	80.8	85.7	66.7	42.9	17,414	17,414
PHOTOGRAPHY	2 YR	104	90	86.5	65	72.2	75.4	56.9	38.5	17,373	17,373
PHOTOGRAPHY	PD	12	10	83.3	9	90.0	77.8	66.7	55.6	23,721	23,721
PHOTOJOURNALISM	2 YR	19	18	100.0	17	89.5	58.8	47.1	41.2	23,430	23,430
TECHNICAL WRITER	3 YR	17	15	88.2	14	93.3	50.0	42.9	35.7	40,000	40,000
TELECOMMUNICATIONS MANAGEMENT	PD	27	21	77.8	18	85.7	77.8	72.2	72.2	27,921	27,921
TOTAL		1,211	958	79.1	832	86.8	79.4	56.5	41.2	21,266	21,266

TABLE A-4 (cont'd)

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PERCENTAGE EMPLOYED FULL-TIME													
PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB</													

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-5

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
TELECOMMUNICATION BROADCASTING INDUSTRIES	128	52	180	13.1
ADVERTISING SERVICES	114	16	130	9.4
COMBINED PUBLISHING AND PRINTING INDUSTRIES	69	12	81	5.9
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	58	9	67	4.9
FOOD SERVICES	35	19	54	3.9
GENERAL MERCHANDISE STORES	33	13	46	3.3
OTHER BUSINESS SERVICES	39	4	43	3.1
PHOTOGRAPHERS	28	11	39	2.8
THEATRICAL AND OTHER STAGED ENTERTAINMENT SERVICES	26	8	34	2.5
FOOD STORES	14	19	33	2.4
PUBLISHING INDUSTRIES	29	2	31	2.3
COMMERCIAL PRINTING INDUSTRIES	28	2	30	2.2
OTHER RETAIL STORES	18	9	27	2.0
POST-SECONDARY NON-UNIVERSITY EDUCATION	6	12	18	1.3
WOMEN'S CLOTHING STORES	11	7	18	1.3
BARBER AND BEAUTY SHOPS	15	1	16	1.2
HOTELS, MOTELS AND TOURIST COURTS	13	2	15	1.1
COMPUTER AND RELATED SERVICES	12	1	13	0.9
JEWELLERY STORES AND WATCH AND JEWELLERY REPAIR SHOPS	10	3	13	0.9
SERVICES TO BUILDINGS AND DWELLINGS	10	3	13	0.9
GENERAL ADMINISTRATIVE SERVICES	7	5	12	0.9
CLOTHING STORES N.E.C.	10	1	11	0.8
GASOLINE SERVICE STATIONS	7	4	11	0.8
HORTICULTURAL SPECIALTIES	10	1	11	0.8
PLATEMAKING, TYPESETTING AND BINDERY INDUSTRY	10	1	11	0.8
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	8	3	11	0.8
TOY, HOBBY, NOVELTY AND SOUVENIR STORES	7	4	11	0.8
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SER	10	--	10	0.7
FLORISTS, LAWN AND GARDEN CENTRES	9	1	10	0.7
OTHER TELECOMMUNICATION INDUSTRIES	9	1	10	0.7
PULP AND PAPER INDUSTRIES	6	4	10	0.7
SUB-TOTAL	789	230	1,019	74.0
OTHER	276	82	358	26.0
TOTAL **	1,065	312	1,377	100.0

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-6

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
VISUAL AND CREATIVE ARTS PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ADVERTISING & ILLUSTRATING ARTISTS	150	15	165	12.0
WRITERS & EDITORS, PUBLICATION	73	17	90	6.5
RADIO & TV ANNOUNCERS	45	28	73	5.3
PHOTOGRAPHERS & CAMERA OPERATORS	48	15	63	4.6
SALES CLERKS, COMMODITIES	38	24	62	4.5
SALES WORKERS, COMMODITIES, N.E.C.	34	15	49	3.6
PRODUCT & INTERIOR DESIGNERS	38	5	43	3.1
OCCUPATIONS IN PERFORMING & AUDIOVISUAL ARTS, N.E.C.	34	5	39	2.8
FOOD & BEVERAGE SERVING OCCUPATIONS	34	14	38	2.8
ADVERTISING SALES OCCUPATIONS	28	1	29	2.1
TELLERS & CASHIERS	9	20	29	2.1
OCCUPATIONS IN FINE & COMMERCIAL ART PHOTOGRAPHY & RELATED FIELDS	20	7	27	2.0
AUDIOVISUAL ARTS	21	5	26	1.9
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	21	4	25	1.8
BARBERS, HAIRDRESSERS & RELATED OCCUPATIONS	23	1	24	1.7
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	21	3	24	1.7
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	17	1	18	1.3
SECRETARIES & STENOGRAPHERS	14	3	17	1.2
SOUND & VIDEO RECORDING & REPRODUCTION EQUIPMENT OPERATORS	13	3	16	1.2
FINE ART TEACHERS	3	11	14	1.0
NURSERY & RELATED WORKERS	11	3	14	1.0
MUSICIANS	9	4	13	0.9
OTHER SALES OCCUPATIONS, N.E.C.	8	4	12	0.9
WRITERS & EDITORS: RADIO, TV, THEATRE & MOTION PICTURES	8	3	11	0.8
CHEFS & COOKS	6	4	10	0.7
ELECTRICAL ENGINEERS	9	1	10	0.7
PATTERNMAKING, MARKING & CUTTING OCCUPATIONS	9	1	10	0.7
PHOTOGRAPHIC PROCESSING & FINISHING OCCUPATIONS	8	2	10	0.7
RADIO & TV BROADCASTING EQUIPMENT OPERATORS	6	4	10	0.7
TAILOR & DRESSMAKER	9	1	10	0.7
SUB-TOTAL	757	224	981	71.1
OTHER	310	89	399	28.9
TOTAL**	1,067	313	1,380	100.0

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-7

**EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
HOSPITALITY PROGRAMS, 1993**

PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB									
PERCENTAGE EMPLOYED FULL-TIME									
PERCENTAGE EMPLOYED									
GRADS IN LABOUR FORCE									
TOTAL IN SURVEY									
TOTAL GRADS									
DURATION									
AVERAGE ANNUAL SALARY \$									
<b><u>ENGLISH PROGRAMS</u></b>									
<b>CULINARY ARTS</b>									
1 YR	140	82	58.6	66	80.5	80.3	65.2	54.5	17,441
PD	19	9	47.4	9	100.0	88.9	55.8	55.6	13,088
2 YR	101	60	59.4	52	86.7	82.7	63.5	57.7	18,137
TOTAL	260	151	58.1	127	84.1	81.9	63.8	55.9	17,482
<b>HOSPITALITY MANAGEMENT</b>									
1 YR	11	6	54.5	6	100.0	83.3	50.0	0.0	—
2 YR	72	24	33.3	21	87.5	90.5	57.1	52.4	14,845
1 YR	1	—	—	—	—	—	—	—	—
2 YR	47	36	76.6	32	88.9	75.0	34.4	31.3	22,745
PD	21	16	76.2	16	100.0	81.3	31.3	25.0	23,127
3 YR	49	39	79.6	33	84.6	90.9	78.8	57.8	18,928
HOTEL AND RESTAURANT ADMINISTRATION	51	26	51.0	20	76.9	80.0	75.0	75.0	17,298
HOTEL AND RESTAURANT MANAGEMENT	349	220	63.0	195	88.6	86.7	74.4	65.6	17,721
TOTAL	801	368	61.2	324	86.0	85.5	67.3	58.0	17,987
TOTAL ENGLISH PROGRAMS	861	519	60.3	451	86.9	84.5	66.3	57.4	17,844
<b><u>FRENCH PROGRAMS</u></b>									
<b>HOSPITALITY MANAGEMENT</b>									
2 YR	5	5	100.0	5	100.0	80.0	80.0	60.0	—
TOTAL	5	5	100.0	5	100.0	80.0	80.0	60.0	—
TOTAL FRENCH PROGRAMS	5	5	100.0	5	100.0	80.0	80.0	60.0	—
<b><u>BILINGUAL PROGRAMS</u></b>									
<b>CULINARY ARTS</b>									
2 YR	4	3	75.0	3	100.0	100.0	66.7	33.3	—
TOTAL	4	3	75.0	3	100.0	100.0	66.7	33.3	—
TOTAL BILINGUAL PROGRAMS	4	3	75.0	3	100.0	100.0	66.7	33.3	—
TOTAL HOSPITALITY PROGRAMS	870	527	60.6	459	87.1	84.5	66.4	57.3	17,871

Note: See Appendix F for a list of abbreviations used in this table.



TABLE A-8  
DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HOSPITALITY PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
FOOD SERVICES	124	29	153	40.7
HOTELS, MOTELS AND TOURIST COURTS	102	9	111	29.5
SUB-TOTAL	226	38	264	70.2
OTHER	73	39	112	29.8
TOTAL **	299	77	376	100.0

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.



TABLE A-9

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HOSPITALITY PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
CHEFS & COOKS	86	16	102	27.0
FOOD & BEVERAGE SERVING OCCUPATIONS	40	20	60	15.9
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	39	10	49	13.0
HOTEL CLERKS	35	2	37	9.8
BARTENDERS	10	6	16	4.2
TELLERS & CASHIERS	8	3	11	2.9
<b>SUB-TOTAL</b>	<b>218</b>	<b>57</b>	<b>275</b>	<b>72.8</b>
<b>OTHER</b>	<b>83</b>	<b>20</b>	<b>103</b>	<b>27.2</b>
<b>TOTAL **</b>	<b>301</b>	<b>77</b>	<b>378</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-10  
EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1993

ENGLISH PROGRAMS												
DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$		
		#	%	#	%		%	%				
ACCOUNTING/FINANCE												
1 YR	37	8	21.6	6	75.0	66.7	50.0	33.3	-	20,159		
2 YR	755	570	75.5	379	66.5	71.5	53.0	37.5	31.6	26,279		
2 YR	28	25	89.3	19	76.0	84.2	68.4	46.3	21,822			
3 YR	598	490	82.2	436	89.0	80.7	65.1	48.3	18,752			
3 YR	36	33	91.7	29	87.9	82.8	72.4	59.1	21,677			
2 YR	53	46	86.8	44	95.7	81.8	65.9	42.9	21,237			
TOTAL	1,505	1,172	77.9	913	77.9	77.0	60.4					
AVIATION MANAGEMENT												
2 YR	12	10	83.3	9	90.0	88.9	77.8	44.4	20,991			
3 YR	29	27	93.1	20	74.1	75.0	60.0	35.0	19,302			
3 YR	9	9	100.0	4	44.4	75.0	75.0	50.0	-	19,689		
TOTAL	50	46	92.0	33	71.7	78.8	66.7	39.4				
BUSINESS COMPUTER												
3 YR	1	-	-	-	-	-	-	-	-	28,207		
3 YR	177	131	74.0	119	90.8	76.5	68.1	51.3	-	23,224		
3 YR	11	7	63.6	5	71.4	40.0	40.0	30.6	-	27,023		
2 YR	240	178	74.2	124	69.7	82.9	47.6	18.2	-	28,587		
1 YR	17	14	82.4	11	78.6	36.4	27.3	50.3	-	27,324		
2 YR	230	177	77.0	153	86.4	68.6	63.4	58.7	-	13,924		
3 YR	283	192	73.0	184	95.8	72.8	65.8	47.1	-	27,324		
PD	12	5	41.7	4	80.0	25.0	25.0	37.5	-			
2 YR	14	9	64.3	8	88.9	75.0	50.0	20.0	-			
1 YR	34	24	70.6	20	83.3	55.0	30.0	47.1	-			
TOTAL	998	738	73.9	629	85.2	68.8	59.5					
BUSINESS LEGAL												
PD	18	5	27.8	5	100.0	80.0	60.0	60.0	-	19,598		
2 YR	15	3	20.0	2	66.7	100.0	50.0	0.0	-	20,121		
3 YR	40	36	90.0	35	97.2	77.1	51.4	25.7	-	27,848		
2 YR	504	349	69.2	323	92.6	76.2	57.9	32.5	-	30,000		
PD	90	44	48.9	40	90.9	60.0	55.0	26.7	-	21,035		
PD	20	15	75.0	15	100.0	46.7	46.7	34.0	-			
TOTAL	687	452	65.8	420	92.9	73.8	56.7					

TABLE A-10 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL-TIME %	PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
			#	%	#	%				
BUSINESS MANAGEMENT										
BUS. ADMINISTRATION - OPERATIONS MGT	3 YR	30	27	90.0	25	92.6	88.0	80.0	56.0	26,534
BUSINESS	2 YR	440	327	74.3	250	76.5	74.4	58.8	43.2	20,818
BUSINESS - DISTRIBUTION MANAGEMENT	2 YR	28	12	42.9	11	91.7	72.7	63.6	63.6	22,528
BUSINESS ADMINISTRATION	3 YR	603	443	73.5	370	83.5	82.7	62.2	47.8	22,152
FARM BUSINESS MANAGEMENT	2 YR	1	-	-	-	-	-	-	-	-
INTERNATIONAL BUSINESS	3 YR	66	41	62.1	38	92.7	68.4	57.9	44.7	19,862
INTERNATIONAL BUSINESS MANAGEMENT	PD	52	33	63.5	33	100.0	75.8	63.6	39.4	27,888
PROPERTY MANAGEMENT	2 YR	35	20	57.1	18	90.0	61.1	55.8	50.0	23,980
TRANSPORTATION & DISTRIBUTION ADMIN.	3 YR	20	16	80.0	15	93.8	93.3	73.3	66.7	23,063
TRANSPORTATION AND DISTRIBUTION	2 YR	9	2	22.2	2	100.0	100.0	100.0	50.0	-
TOTAL		1,284	922	71.8	763	82.8	78.8	61.7	46.8	22,111
GOVERNMENT/REAL ESTATE										
ASSESSMENT AND APPRAISAL	2 YR	29	23	79.3	19	82.6	57.9	57.9	26.3	30,459
GOVERNMENT ADMINISTRATION	2 YR	6	3	50.0	2	66.7	100.0	100.0	0.0	-
MUNICIPAL ADMINISTRATION & ASSESSMENT	2 YR	13	12	92.3	12	100.0	58.3	33.3	16.7	-
TOTAL		48	38	79.2	33	86.8	60.6	51.5	21.2	31,168
HUMAN RESOURCES/INDUSTRIAL RELATIONS										
BUS. ADMIN. - HUMAN RESOURCES MGT	3 YR	94	84	89.4	78	92.9	82.1	71.8	42.3	22,435
BUSINESS - HUMAN RESOURCES	2 YR	45	41	91.1	23	56.1	87.0	60.9	47.8	24,375
HUMAN RESOURCES MANAGEMENT	PD	168	115	68.5	108	93.9	80.6	72.2	52.8	26,550
INDUSTRIAL RELATIONS	3 YR	6	5	83.3	4	80.0	75.0	50.0	50.0	-
TOTAL		313	245	78.3	213	86.9	81.7	70.4	48.4	25,205
MARKETING/RETAIL SALES										
BUS. ADMIN. - AUTOMOTIVE MARKETING	3 YR	89	86	96.6	46	53.5	100.0	97.8	91.3	26,947
BUSINESS - ADVERTISING	2 YR	14	11	78.6	9	81.8	77.8	66.7	55.6	17,192
BUSINESS - MARKETING	2 YR	390	313	80.3	242	77.3	81.8	66.5	43.4	21,541
BUSINESS - RETAILING	2 YR	75	58	77.3	54	93.1	88.9	66.7	61.1	19,399
BUSINESS - SALES	2 YR	7	7	100.0	7	100.0	57.1	57.1	57.1	32,750
BUSINESS ADMINISTRATION - MARKETING	3 YR	408	313	76.7	279	89.1	87.5	71.7	54.5	22,375
COMPUTER SALES AND MARKETING	2 YR	1	-	-	-	-	-	-	-	-
FASHION MERCHANDISING	2 YR	28	16	57.1	14	87.5	85.7	64.3	35.7	15,041
FASHION MERCHANDISING	3 YR	27	9	33.3	8	88.9	100.0	100.0	87.5	20,846
MARKETING MANAGEMENT	PD	29	26	89.7	19	73.1	83.2	57.9	57.9	26,283
PARTS MANAGEMENT AND MERCHANDISING	1 YR	11	9	81.8	7	77.8	57.1	57.1	57.1	18,438
RECREATIONAL MERCHANDISING	2 YR	17	15	88.2	15	100.0	86.7	80.0	66.7	17,979
SPORTS MARKETING	PD	20	10	50.0	10	100.0	100.0	90.0	90.0	29,178
TOTAL		1,116	873	78.2	710	81.3	85.4	71.1	54.5	22,440

TABLE A-10 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	TOTAL IN SURVEY %	GRADS IN LABOUR		PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL-TIME %	PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
					FORCE	#				
MATERIAL S MANAGEMENT										
BUSINESS - MATERIALS MANAGEMENT	2 YR	4	2	50.0	2	100.0	100.0	100.0	50.0	-
BUSINESS - PURCHASING	2 YR	6	5	83.3	3	60.0	100.0	66.7	33.3	-
MATERIALS MANAGEMENT	3 YR	74	70	94.6	64	91.4	81.3	76.6	57.8	23,448
TOTAL		84	77	91.7	69	89.6	82.6	76.8	56.5	23,745
OFFICE ADMINISTRATION										
BUSINESS - OFFICE SYSTEMS	2 YR	52	48	92.3	44	91.7	81.8	72.7	45.5	20,107
OFFICE ADMIN. - INFORMATION SYSTEMS	2 YR	28	24	85.7	22	91.7	72.7	68.2	40.9	24,089
OFFICE ADMIN. - WORD PROCESSING	1 YR	56	46	82.1	44	95.7	63.6	56.8	50.0	21,202
OFFICE ADMIN. - WORD PROCESSING	2 YR	51	29	56.9	21	72.4	76.2	42.9	28.6	16,767
OFFICE ADMINISTRATION - EXECUTIVE	2 YR	424	336	79.2	270	80.4	77.0	59.3	51.9	19,219
OFFICE ADMINISTRATION - GENERAL	1 YR	357	247	69.2	174	70.4	74.1	51.7	32.8	18,566
OFFICE SYSTEMS ADMINISTRATION	3 YR	53	49	92.5	47	95.9	72.3	63.8	55.3	23,391
RECORDS AND INFORMATION MANAGEMENT	2 YR	9	4	44.4	4	100.0	100.0	75.0	75.0	-
RECORDS OPERATIONS	1 YR	7	6	85.7	4	66.7	50.0	50.0	0.0	-
TOTAL		1,037	789	76.1	630	79.8	75.1	58.1	44.9	19,857
OFFICE ADMINISTRATION - HEALTH										
DENTAL OFFICE ADMINISTRATION	1 YR	31	16	51.6	9	56.3	66.7	55.6	33.3	-
HEALTH OFFICE ADMINISTRATION	PD	5	4	80.0	3	75.0	33.3	0.0	0.0	-
HEALTH RECORDS ADMINISTRATION	2 YR	20	12	60.0	12	100.0	83.3	75.0	58.3	28,749
HEALTH RECORDS TECHNICIAN	1 YR	33	27	81.8	18	66.7	44.4	22.2	22.2	27,899
HEALTH RECORDS TECHNICIAN	2 YR	10	7	70.0	7	100.0	85.7	71.4	42.9	-
MEDICAL TRANSCRIPTIONIST-HEALTH RECORDS	1 YR	22	17	77.3	15	88.2	100.0	80.0	60.0	24,119
OFFICE ADMINISTRATION - MEDICAL	1 YR	21	10	47.6	10	100.0	80.0	60.0	60.0	19,679
OFFICE ADMINISTRATION - MEDICAL	2 YR	315	247	78.4	229	92.7	72.9	48.5	38.9	20,211
TOTAL		457	340	74.4	303	89.1	72.9	50.2	39.9	21,443
OFFICE ADMINISTRATION - LEGAL										
COURT REPORTING - MACHINE SHORTHAND	3 YR	14	6	42.9	6	100.0	100.0	33.3	33.3	-
COURT REPORTING - STENOMASK	1 YR	11	6	54.5	5	83.3	100.0	100.0	80.0	26,000
OFFICE ADMINISTRATION - LEGAL	1 YR	38	23	60.5	19	82.6	78.9	73.7	57.9	15,875
OFFICE ADMINISTRATION - LEGAL	2 YR	300	233	77.7	214	91.8	77.6	56.1	41.1	19,566
TOTAL		363	268	73.8	244	91.0	78.7	57.8	43.0	19,955
SMALL BUSINESS										
BUS. ADMINISTRATION - SMALL BUS. MGT	3 YR	21	7	33.3	7	100.0	42.9	14.3	14.3	-
SMALL BUSINESS	1 YR	29	22	75.9	18	81.8	83.3	66.7	50.0	22,063
SMALL BUSINESS MANAGEMENT	2 YR	19	11	57.9	10	90.9	70.0	50.0	40.0	18,339
TOTAL		69	40	56.0	35	87.5	71.4	51.4	40.0	21,083

TABLE A-10 (cont'd)

PERCENTAGE EMPLOYED FULL - TIME IN RELATED JOB										AVERAGE ANNUAL SALARY \$
TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL - TIME		
DURATION	#	#	%	#	%	%	%	%	%	
TRAVEL/TOURISM										
FESTIVAL/COMMUNITY EVENTS MANAGEMENT	PD	20	15	75.0	15	100.0	60.0	53.3	33.3	19,951
TOURISM MANAGEMENT	3 YR	60	43	71.7	39	90.7	87.2	79.5	56.4	19,206
TRAVEL AND TOURISM	2 YR	426	293	68.8	269	91.8	81.0	59.5	40.1	16,362
TOTAL	506	351	69.4	323	92.0	80.8	61.6	41.8	41.8	16,801
TOTAL ENGLISH PROGRAMS	8,518	6,351	74.6	5,318	83.7	77.1	61.2	45.0	45.0	22,087
FRENCH PROGRAMS										
ACCOUNTING/FINANCE										
BUSINESS - ACCOUNTING	2 YR	3	3	100.0	1	-	-	-	-	-
BUSINESS ADMINISTRATION - ACCOUNTING	3 YR	18	18	100.0	14	77.8	78.6	71.4	64.3	19,175
TOTAL	21	21	100.0	15	71.4	73.3	66.7	60.0	60.0	19,175
BUSINESS COMPUTER										
BUS. ADMIN. - INFORMATION SYSTEMS	3 YR	3	2	66.7	2	100.0	50.0	50.0	50.0	-
BUSINESS - INFORMATION SYSTEMS	2 YR	2	2	100.0	0	0.0	-	-	-	-
COMPUTER OPERATOR	1 YR	17	16	94.1	8	50.0	75.0	75.0	12.5	-
COMPUTER PROGRAMMER	2 YR	3	0	0.0	0	-	-	-	-	-
TOTAL	25	20	80.0	10	50.0	70.0	70.0	70.0	20.0	-
BUSINESS LEGAL										
LEGAL ASSISTANT	2 YR	14	13	92.9	6	46.2	16.7	16.7	16.7	-
LEGAL TECHNICIAN - CIVIL	2 YR	11	10	90.9	10	100.0	70.0	50.0	30.0	-
TOTAL	25	23	92.0	16	69.6	50.0	37.5	25.0	25.0	17,055
BUSINESS MANAGEMENT										
BUSINESS ADMINISTRATION	3 YR	14	13	92.9	10	76.9	80.0	70.0	60.0	20,764
TOTAL	14	13	92.9	10	76.9	80.0	70.0	70.0	60.0	20,764
MARKETING/RETAIL SALES										
BUSINESS - MARKETING	2 YR	6	5	83.3	2	40.0	100.0	100.0	0.0	-
BUSINESS ADMINISTRATION - MARKETING	3 YR	11	9	81.8	9	100.0	77.8	77.8	66.7	20,697
TOTAL	17	14	82.4	11	78.6	81.8	81.8	81.8	54.5	20,697
OFFICE ADMINISTRATION										
OFFICE ADMINISTRATION - EXECUTIVE	2 YR	8	7	87.5	4	57.1	25.0	25.0	25.0	-
OFFICE ADMINISTRATION - GENERAL	1 YR	17	16	94.1	3	18.8	66.7	33.3	33.3	-
TOTAL	25	23	92.0	7	30.4	42.9	28.6	28.6	28.6	-



TABLE A-10 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY #	%	GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL-TIME %	PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
					#	%				
OFFICE ADMINISTRATION - HEALTH										
OFFICE ADMINISTRATION - MEDICAL	2 YR	5	5	100.0	5	100.0	100.0	80.0	80.0	-
TOTAL		5	5	100.0	5	100.0	100.0	80.0	80.0	-
SMALL BUSINESS										
SMALL BUSINESS	1 YR	2	1	50.0	0	0.0	-	-	-	-
SMALL BUSINESS MANAGEMENT	2 YR	5	4	80.0	4	100.0	50.0	50.0	50.0	-
TOTAL		7	5	71.4	4	80.0	50.0	50.0	50.0	-
TRAVEL/TOURISM										
TRAVEL AND TOURISM	2 YR	9	7	77.8	6	85.7	66.7	66.7	66.7	17,688
TOTAL		9	7	77.8	6	85.7	66.7	66.7	66.7	17,688
TOTAL FRENCH PROGRAMS		148	131	88.5	84	64.1	67.9	60.7	45.2	19,482
BILINGUAL PROGRAMS										
ACCOUNTING/FINANCE										
BUSINESS - ACCOUNTING	2 YR	2	2	100.0	1	-	-	-	-	-
BUSINESS ADMINISTRATION - ACCOUNTING	3 YR	4	3	75.0	3	100.0	100.0	66.7	33.3	-
TOTAL		6	5	83.3	4	80.0	100.0	75.0	50.0	-
BUSINESS COMPUTER										
BUSINESS - INFORMATION SYSTEMS	2 YR	1	-	-	-	-	-	-	-	-
TOTAL		1	-	-	-	-	-	-	-	-
BUSINESS MANAGEMENT										
BUSINESS	2 YR	2	0	0.0	0	-	-	-	-	-
BUSINESS ADMINISTRATION	3 YR	5	1	20.0	1	-	-	-	-	-
TOTAL		7	1	14.3	1	-	-	-	-	-
MARKETING/RETAIL SALES										
BUSINESS - MARKETING	2 YR	7	6	85.7	1	-	-	-	-	-
BUSINESS ADMINISTRATION - MARKETING	3 YR	6	6	100.0	5	83.3	80.0	80.0	60.0	-
TOTAL		13	12	92.3	6	50.0	66.7	66.7	50.0	-
OFFICE ADMINISTRATION										
OFFICE ADMINISTRATION - GENERAL	1 YR	15	6	40.0	5	83.3	100.0	100.0	80.0	22,449
TOTAL		15	6	40.0	5	83.3	100.0	100.0	80.0	22,449
TOTAL BILINGUAL PROGRAMS		42	25	59.5	17	68.0	88.2	76.5	52.9	21,612
TOTAL OFFICE AND BUSINESS ADMINISTRATION PROGRAMS		8,708	6,507	74.7	5,419	83.3	77.0	61.3	45.1	22,041

Note: See Appendix F for a list of abbreviations used in this table.



DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF LAWYERS AND NOTARIES	165	24	189	5.0
GENERAL MERCHANDISE STORES	96	80	176	4.6
FOOD SERVICES	117	54	171	4.5
FOOD STORES	77	78	155	4.1
COMPUTER AND RELATED SERVICES	120	7	127	3.4
INSURANCE AND REAL ESTATE AGENCIES	106	11	117	3.1
OTHER BUSINESS SERVICES	91	14	105	2.8
GENERAL ADMINISTRATIVE SERVICES	91	8	99	2.6
TRAVEL SERVICES	82	16	98	2.6
HOSPITALS	70	24	94	2.5
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	68	20	88	2.3
CHARTERED BANKS AND OTHER BANKING--TYPE INTERMEDIARIES	62	24	86	2.3
HOTELS, MOTELS AND TOURIST COURTS	68	16	84	2.2
ACCOUNTING AND BOOKKEEPING SERVICES	65	14	79	2.1
AUTOMOBILE DEALERS	55	4	59	1.6
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	39	14	53	1.4
WOMEN'S CLOTHING STORES	37	15	52	1.4
POST--SECONDARY NON--UNIVERSITY EDUCATION	28	23	51	1.3
ADVERTISING SERVICES	44	3	47	1.2
ECONOMIC SERVICES ADMINISTRATION	43	4	47	1.2
HUMAN RESOURCE ADMINISTRATION	32	9	41	1.1
PROTECTIVE SERVICES	31	5	36	0.9
FOOD, WHOLESALE	30	3	33	0.9
MANAGEMENT CONSULTING SERVICES	27	4	31	0.8
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	31	--	31	0.8
TOY, HOBBY, NOVELTY AND SOUVENIR STORES	19	12	31	0.8
CLOTHING STORES N.E.C.	22	8	30	0.8
NON--INSTITUTIONAL SOCIAL SERVICES	20	9	29	0.8
LIFE INSURERS	27	--	27	0.7
OPERATORS OF BUILDINGS AND DWELLINGS	25	2	27	0.7
OTHER RETAIL STORES	23	4	27	0.7
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICE	17	9	26	0.7
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	24	1	25	0.7
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	20	5	25	0.7
TRUST COMPANIES	20	5	25	0.7
PORTFOLIO INVESTMENT INTERMEDIARIES	21	2	23	0.6
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	22	--	22	0.6
POSTAL AND COURIER SERVICE INDUSTRIES	18	4	22	0.6
SPORTING GOODS AND BICYCLE SHOPS	21	1	22	0.6
AIR TRANSPORT INDUSTRIES	19	2	21	0.6
CENTRAL BANK	18	3	21	0.6
BUSINESS FINANCING COMPANIES	17	3	20	0.5
MOTOR VEHICLE INDUSTRY	17	3	20	0.5
PUBLISHING INDUSTRIES	16	4	20	0.5
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	17	2	19	0.5

TABLE A-11 (cont'd)

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
AUTOMOTIVE PARTS AND ACCESSORIES STORES	16	3	19	0.5
TRUCK TRANSPORT INDUSTRIES	18	1	19	0.5
COMBINED PUBLISHING AND PRINTING INDUSTRIES	15	3	18	0.5
PROPERTY AND CASUALTY INSURERS	18	--	18	0.5
SHOE STORES	17	1	18	0.5
SECURITY BROKERS AND DEALERS	15	2	17	0.4
BUSINESS ASSOCIATIONS	15	1	16	0.4
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	16	--	16	0.4
GASOLINE SERVICE STATIONS	11	5	16	0.4
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	14	2	16	0.4
SPORTS AND RECREATION CLUBS AND SERVICES	15	1	16	0.4
ELEMENTARY AND SECONDARY EDUCATION	10	5	15	0.4
OFFICES OF OTHER HEALTH PRACTITIONERS	5	10	15	0.4
OTHER STORAGE AND WAREHOUSING INDUSTRIES	12	3	15	0.4
PRIMARY STEEL INDUSTRIES	14	1	15	0.4
TELECOMMUNICATION CARRIERS INDUSTRY	11	4	15	0.4
NON-INSTITUTIONAL HEALTH SERVICES	13	1	14	0.4
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	12	2	14	0.4
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	11	3	14	0.4
APPLIANCE, TELEVISION, RADIO AND STEREO STORES	3	10	13	0.3
MEN'S CLOTHING STORES	10	3	13	0.3
OTHER PERSONAL AND HOUSEHOLD SERVICES	7	6	13	0.3
OTHER SERVICES N.E.C.	12	1	13	0.3
TELECOMMUNICATION BROADCASTING INDUSTRIES	12	1	13	0.3
BOOK AND STATIONERY STORES	5	7	12	0.3
DRUGS AND TOILET PREPARATIONS, WHOLESALE	12	--	12	0.3
OTHER MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	12	--	12	0.3
OTHER SERVICE INDUSTRIES INCIDENTAL TO TRANSPORTATION	11	1	12	0.3
HOUSEHOLD FURNITURE STORES	9	2	11	0.3
MOTION PICTURE, AUDIO AND VIDEO PRODUCTION AND DISTRIBUTION	7	4	11	0.3
RESIDENTIAL BUILDING AND DEVELOPMENT	10	1	11	0.3
AUTOMOBILE AND TRUCK RENTAL AND LEASING SERVICES	10	--	10	0.3
DEFENCE SERVICES	9	1	10	0.3
HARDWARE AND PLUMBING, HEATING AND AIR	9	1	10	0.3
CONDITIONING EQUIPMENT AND SUPPLIES, WHOLESALE	7	3	10	0.3
LIQUOR, WINE AND BEER STORES	9	1	10	0.3
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	10	--	10	0.3
OTHER MANUFACTURED PRODUCTS INDUSTRIES	10	--	10	0.3
PAPER AND PAPER PRODUCTS, WHOLESALE	10	--	10	0.3
PROJECT MANAGEMENT, CONSTRUCTION	10	--	10	0.3
SUB-TOTAL	2,527	636	3,163	83.4
OTHER	560	68	628	16.6
TOTAL **	3,087	704	3,791	100.0

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-12

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
OFFICE AND BUSINESS ADMINISTRATION PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
SECRETARIES & STENOGRAPHERS	380	68	448	11.8
BOOKKEEPERS & ACCOUNTING CLERKS	276	46	322	8.5
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	218	3	221	5.8
TELLERS & CASHIERS	115	103	218	5.8
SALES CLERKS, COMMODITIES	109	100	209	5.5
GENERAL OFFICE CLERKS	113	24	137	3.6
RECEPTIONISTS & INFORMATION CLERKS	99	29	128	3.4
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	118	2	120	3.2
FOOD & BEVERAGE SERVING OCCUPATIONS	55	40	95	2.5
TRAVEL CLERKS, TICKET, STATION & FREIGHT AGENTS	69	17	86	2.3
SALES WORKERS, COMMODITIES, N.E.C.	69	15	84	2.2
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	74	7	81	2.1
COMMERCIAL TRAVELLERS	72	5	77	2.0
EDP EQUIPMENT OPERATORS	56	15	71	1.9
COLLECTORS	50	20	70	1.9
OCCUPATIONS IN LAW & JURISPRUDENCE, N.E.C.	58	8	66	1.7
PERSONNEL CLERKS	63	3	66	1.7
ACCOUNTANTS, AUDITORS & OTHER FINANCIAL OFFICERS	59	3	62	1.6
SUPERVISORS, FOOD & BEVERAGE PREPARATION & RELATED SERVICES OCCUPATIONS	37	4	41	1.1
STOCK CLERKS & RELATED OCCUPATIONS	32	7	39	1.0
INSURANCE, BANK & OTHER FINANCE CLERKS	33	4	37	1.0
SHIPPING & RECEIVING CLERKS	28	5	33	0.9
PRODUCTION CLERKS	30	--	30	0.8
HOTEL CLERKS	27	2	29	0.8
OTHER CLERICAL & RELATED OCCUPATIONS, N.E.C.	29	--	29	0.8
TYPISTS & CLERK-TYPISTS	24	5	29	0.8
SALES & ADVERTISING MANAGEMENT OCCUPATIONS	27	1	28	0.7
LIBRARY, FILE & CORRESPONDENCE CLERKS & RELATED OCCUPATIONS	25	2	27	0.7
OTHER MANAGERS & ADMINISTRATORS, N.E.C.	24	3	27	0.7
OTHER SALES OCCUPATIONS, N.E.C.	22	3	25	0.7
CHEFS & COOKS	17	7	24	0.6
LIBRARY & FILE CLERKS	20	4	24	0.6
PERSONNEL AND RELATED OFFICERS	24	--	24	0.6

TABLE A-12 (cont'd)

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	21	1	22	0.6
SERVICE MANAGEMENT OCCUPATIONS	17	3	20	0.5
BUSINESS SERVICE SALES OCCUPATIONS	16	3	19	0.5
SUPERVISORS, BOOKKEEPING, ACCOUNT-RECORDING & RELATED OCCUPATIONS	18	1	19	0.5
ADVERTISING SALES OCCUPATIONS	17	1	18	0.5
SERVICE STATION ATTENDANTS	13	3	16	0.4
ECONOMIST	15	--	15	0.4
GENERAL MANAGERS & OTHER SENIOR OFFICIALS	12	2	14	0.4
INSURANCE SALES OCCUPATION & AGENT	14	--	14	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, METAL PROCESSING	13	1	14	0.4
SUPERVISORS: SALES OCCUPATIONS & AGENTS	13	1	14	0.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING, ASSEMBLING & REPAIRING, N.E.C.	11	2	13	0.3
ADJUSTERS, CLAIM	12	--	12	0.3
BARTENDERS	7	5	12	0.3
GUARDS & RELATED SECURITY OCCUPATIONS	8	4	12	0.3
INSTRUCTORS & TRAINING OFFICERS, N.E.C.	11	1	12	0.3
JANITORS, CHARWORKERS & CLEANERS	4	7	11	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	9	2	11	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, SERVICES	7	4	11	0.3
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: FOOD, BEVERAGE & RELATED PROCESSING	9	2	11	0.3
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	8	3	11	0.3
AIR TRANSPORT OPERATING SUPPORT OCCUPATIONS	7	3	10	0.3
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	9	1	10	0.3
CHILD-CARE OCCUPATIONS	7	3	10	0.3
OTHER PRODUCT FABRICATING, ASSEMBLING & REPAIRING OCCUPATIONS, N.E.C.	9	1	10	0.3
PURCHASING OFFICERS & BUYERS, EXCEPT WHOLESALE, RETAIL TRADE	10	--	10	0.3
TELEPHONE OPERATOR	6	4	10	0.3
<b>SUB-TOTAL</b>	<b>2,755</b>	<b>613</b>	<b>3,368</b>	<b>89.1</b>
<b>OTHER</b>	<b>333</b>	<b>81</b>	<b>414</b>	<b>10.9</b>
<b>TOTAL **</b>	<b>3,088</b>	<b>694</b>	<b>3,782</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-13

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
HEALTH TECHNOLOGY PROGRAMS, 1993

ENGLISH PROGRAMS														
ANIMAL CARE			DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
					#	%	#	%	%	%	%	%		
1 YR	68	49	72.1	32	65.3	81.3	75.0	46.9	13,937					
2 YR	5	3	60.0	3	100.0	100.0	100.0	86.7						
1 YR	23	19	82.6	7	36.8	71.4	57.1	42.9						
2 YR	2	1	50.0	0	0.0	-	-	-						
2 YR	58	23	39.7	21	91.3	85.7	71.4	66.7	20,969					
3 YR	27	21	77.8	20	95.2	100.0	85.0	75.0	20,014					
TOTAL	183	116	63.4	83	71.6	86.7	75.9	59.0	18,261					
HEALTH - MISCELLANEOUS														
1 YR	248	185	74.6	175	94.6	80.0	42.3	18.9	30,971					
PD	43	34	79.1	32	94.1	84.4	46.9	34.4	25,458					
2 YR	84	79	94.0	73	92.4	80.8	79.5	78.1	26,263					
TOTAL	375	298	79.5	280	94.0	80.7	52.5	36.1	27,830					
HEALTH TECHNOLOGY														
3 YR	10	2	20.0	2	100.0	50.0	50.0	50.0	-					
1 YR	410	304	74.1	291	95.7	84.2	68.4	61.5	20,019					
2 YR	242	166	68.6	165	99.4	95.2	43.0	43.0	47,080					
3 YR	14	8	57.1	8	100.0	62.5	50.0	50.0	22,839					
3 YR	21	12	57.1	11	91.7	90.9	54.5	54.5	25,311					
1 YR	19	13	68.4	13	100.0	92.3	69.2	69.2	30,089					
PD	24	15	62.5	14	93.3	100.0	92.9	85.7	36,330					
3 YR	112	47	42.0	44	93.6	65.9	36.4	22.7	25,889					
2 YR	33	33	100.0	33	100.0	100.0	93.9	93.9	28,430					
2 YR	19	8	42.1	8	100.0	87.5	62.5	62.5	32,769					
1 YR	110	82	74.5	81	98.8	85.2	71.6	60.5	21,837					
2 YR	33	22	66.7	20	90.9	60.0	20.0	15.0	-					
3 YR	22	16	72.7	16	100.0	93.8	62.5	62.5	36,221					
TOTAL	1,069	728	68.1	706	97.0	86.3	60.5	55.2	27,678					
TOTAL ENGLISH PROGRAMS	1,627	1,142	70.2	1,069	93.6	84.8	59.6	50.5	26,849					



TABLE A-13 (cont'd)

FRENCH PROGRAMS													
HEALTH - MISCELLANEOUS													
AMBULANCE AND EMERGENCY CARE													
TOTAL													
DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME JOB		AVERAGE ANNUAL SALARY \$	
		#	%	#	%	%	%	%	%	%	%		
1 YR	15	12	80.0	11	91.7	81.8		18.2		0.0			-
	15	12	80.0	11	91.7	81.8		18.2		0.0			-
HEALTH TECHNOLOGY													
1 YR	4	4	100.0	4	100.0	100.0		100.0		100.0		25,661	
2 YR	20	17	85.0	16	94.1	87.5		37.5		37.5		47,164	
3 YR	5	4	80.0	3	75.0	66.7		66.7		66.7		-	
1 YR	9	9	100.0	8	88.9	50.0		50.0		50.0		12,164	
3 YR	3	0	0.0	0	-	-		-		-		-	
TOTAL	41	34	82.9	31	91.2	77.4		51.6		51.6		29,515	
TOTAL FRENCH PROGRAMS	56	46	82.1	42	91.3	78.6		42.9		38.1		29,515	
BILINGUAL PROGRAMS													
HEALTH TECHNOLOGY													
1 YR	4	1	25.0	1	-	-		-		-		-	
2 YR	13	10	76.9	10	100.0	80.0		30.0		10.0		-	
TOTAL	17	11	64.7	11	100.0	81.8		27.3		9.1		-	
	17		64.7	11	100.0	81.8		27.3		9.1		-	
TOTAL BILINGUAL PROGRAMS	1,700	1,199	70.5	1,122	93.6	84.6		58.6		49.6		26,942	
TOTAL HEALTH TECHNOLOGY PROGRAMS													

Note: See Appendix F for a list of abbreviations used in this table.



TABLE A-14

DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HEALTH TECHNOLOGY PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	241	122	363	40.8
HOSPITALS	74	38	112	12.6
NON-INSTITUTIONAL HEALTH SERVICES	33	35	68	7.6
FUNERAL SERVICES	56	1	57	6.4
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	37	7	44	4.9
OTHER RETAIL STORES	37	5	42	4.7
SERVICES INCIDENTAL TO LIVESTOCK AND ANIMAL SPECIALTIES	38	3	41	4.6
FOOD SERVICES	11	4	15	1.7
MEDICAL AND OTHER HEALTH LABORATORIES	12	3	15	1.7
HUMAN RESOURCE ADMINISTRATION	8	3	11	1.2
<b>SUB-TOTAL</b>	<b>547</b>	<b>221</b>	<b>768</b>	<b>86.3</b>
<b>OTHER</b>	<b>75</b>	<b>47</b>	<b>122</b>	<b>13.7</b>
<b>TOTAL **</b>	<b>622</b>	<b>268</b>	<b>890</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-15

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
HEALTH TECHNOLOGY PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
DENTURISTS, DENTAL HYGIENISTS, DENTAL ASSISTANTS	252	126	378	42.6
OTHER OCCUPATIONS IN MEDICINE & HEALTH, N.E.C.	77	13	90	10.1
NURSING, THERAPY & RELATED ASSISTING OCCUPATIONS, N.E.C.	26	44	70	7.9
FUNERAL DIRECTORS, EMBALMERS & RELATED OCCUPATIONS	57	1	58	6.5
MEDICAL LABORATORY TECHNOLOGISTS & TECHNICIANS	35	10	45	5.1
ABRADING & POLISHING OCCUPATION: CLAY, GLASS & STONE	30	2	32	3.6
RADIOLOGICAL TECHNICIANS	17	8	25	2.8
SALES WORKERS, COMMODITIES, N.E.C.	14	3	17	1.9
DIETITIAN & NUTRITIONIST	13	3	16	1.8
FOOD & BEVERAGE SERVING OCCUPATIONS	10	2	12	1.4
SALES CLERKS, COMMODITIES	5	6	11	1.2
<b>SUB-TOTAL</b>	<b>536</b>	<b>218</b>	<b>754</b>	<b>85.0</b>
<b>OTHER</b>	<b>87</b>	<b>46</b>	<b>133</b>	<b>15.0</b>
<b>TOTAL **</b>	<b>623</b>	<b>264</b>	<b>887</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-16

EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
NURSING AND RELATED PROGRAMS, 1993

		TOTAL		TOTAL IN		GRADS IN LABOUR		PERCENTAGE		PERCENTAGE		PERCENTAGE		AVERAGE	
		GRADS		SURVEY		FORCE		EMPLOYED		EMPLOYED		IN RELATED		ANNUAL	
DURATION		#		#		#		%		%		JOB		SALARY	
				%		%		%		%		%		\$	
<u>ENGLISH PROGRAMS</u>															
NURSING RELATED															
2 YR		11	8	72.7	8	100.0	87.5	25.0	25.0	—	—	—	—	—	—
3 YR		2,154	1,519	70.5	1,429	94.1	81.5	43.3	38.6	29,859	29,859	30.2	23,289	23,289	23,289
1 YR		999	611	61.2	560	91.7	86.1	—	—	—	—	—	—	—	—
PD		16	0	0.0	0	—	—	—	—	—	—	—	—	—	—
PD		36	0	0.0	0	—	—	—	—	—	—	—	—	—	—
PD		1	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL		3,217	2,138	66.5	1,997	93.4	82.8	41.4	36.2	28,249	28,249	36.2	28,249	28,249	28,249
TOTAL ENGLISH PROGRAMS		3,217	2,138	66.5	1,997	93.4	82.8	41.4	36.2	28,249	28,249	36.2	28,249	28,249	28,249
<u>FRENCH PROGRAMS</u>															
NURSING RELATED															
3 YR		64	53	82.8	49	92.5	83.7	32.7	26.5	27,878	27,878	27.5	28,050	28,050	28,050
1 YR		9	2	22.2	2	100.0	100.0	—	50.0	—	—	—	—	—	—
TOTAL		73	55	75.3	51	92.7	84.3	33.3	27.5	28,050	28,050	27.5	28,050	28,050	28,050
TOTAL FRENCH PROGRAMS		73	55	75.3	51	92.7	84.3	33.3	27.5	28,050	28,050	27.5	28,050	28,050	28,050
<u>BILINGUAL PROGRAMS</u>															
NURSING RELATED															
3 YR		8	5	62.5	5	100.0	40.0	20.0	20.0	—	—	—	—	—	—
1 YR		5	3	60.0	3	100.0	33.3	33.3	33.3	—	—	—	—	—	—
TOTAL		13	8	61.5	8	100.0	37.5	25.0	25.0	—	—	—	—	—	—
TOTAL BILINGUAL PROGRAMS		13	8	61.5	8	100.0	37.5	25.0	25.0	—	—	—	—	—	—
TOTAL NURSING AND RELATED PROGRAMS		3,303	2,201	66.6	2,056	93.4	82.7	41.1	35.9	28,222	28,222	35.9	28,222	28,222	28,222

Note: See Appendix F for a list of abbreviations used in this table.

TABLE A-17  
DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
HOSPITALITY PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
HOSPITALS	451	368	819	50.5
OTHER INSTITUTIONAL HEALTH AND SOCIAL SERVICES	130	168	298	18.4
NON-INSTITUTIONAL HEALTH SERVICES	67	61	128	7.9
OFFICES OF OTHER HEALTH PRACTITIONERS	22	42	64	3.9
HEALTH AND SOCIAL SERVICE ASSOCIATIONS AND AGENCIES	15	25	40	2.5
NON-INSTITUTIONAL SOCIAL SERVICES	15	20	35	2.2
FOOD SERVICES	12	15	27	1.7
OFFICES OF PHYSICIANS, SURGEONS AND DENTISTS, PRIVATE PRACTICE	16	11	27	1.7
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	6	11	17	1.0
PROFESSIONAL MEMBERSHIP ASSOCIATIONS	8	9	17	1.0
FOOD STORES	4	8	12	0.7
GENERAL MERCHANDISE STORES	5	6	11	0.7
HUMAN RESOURCE ADMINISTRATION	7	4	11	0.7
<b>SUB-TOTAL</b>	<b>758</b>	<b>748</b>	<b>1,506</b>	<b>92.8</b>
<b>OTHER</b>	<b>64</b>	<b>52</b>	<b>116</b>	<b>7.2</b>
<b>TOTAL **</b>	<b>822</b>	<b>800</b>	<b>1,622</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A-18

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
NURSING AND RELATED PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
NURSES, GRADUATE, EXCEPT SUPERVISORS	449	384	833	51.2
REGISTERED NURSING ASSISTANTS	168	189	357	21.9
NURSING ATTENDANTS	60	90	150	9.2
OCCUPATIONS IN WELFARE & COMMUNITY SERVICES	22	25	47	2.9
TELLERS & CASHIERS	14	17	31	1.9
FOOD & BEVERAGE SERVING OCCUPATIONS	7	12	19	1.2
SALES CLERKS, COMMODITIES	7	11	18	1.1
SUPERVISOR, NURSING OCCUPATIONS	10	7	17	1.0
RECEPTIONISTS & INFORMATION CLERKS	11	3	14	0.9
<b>SUB-TOTAL</b>	<b>748</b>	<b>738</b>	<b>1,486</b>	<b>91.3</b>
<b>OTHER</b>	<b>76</b>	<b>65</b>	<b>141</b>	<b>8.7</b>
<b>TOTAL **</b>	<b>824</b>	<b>803</b>	<b>1,627</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.

TABLE A-19  
EMPLOYMENT PICTURE OF COLLEGE GRADUATES,  
TECHNOLOGY PROGRAMS, 1993

ENGLISH PROGRAMS															
		TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY	
DURATION		#	%	#	%	#	%	%	%	%	%	%	%	\$	\$
ARCHITECTURAL															
ARCHITECTURAL TECHNICIAN		190		163	85.8	69	42.3	71.0	52.2	21.7	23,360				
3 YR		282		208	73.8	185	88.9	71.4	61.1	36.8	23,502				
TOTAL		472		371	78.6	254	88.5	71.3	58.7	32.7	23,475				
AUTOMOTIVE															
HEAVY EQUIPMENT SPECIALIST		45		32	71.1	12	37.5	75.0	66.7	41.7	19,912				
PD		13		13	100.0	13	100.0	99.2	99.2	38.5	24,987				
HEAVY EQUIPMENT SPECIALIST		87		74	85.1	71	95.9	76.1	64.8	42.3	27,793				
HEAVY EQUIPMENT TECHNICIAN		89		62	69.7	56	90.3	73.2	64.3	50.0	21,997				
MOTIVE POWER TECHNICIAN		12		6	50.0	5	83.3	40.0	40.0	20.0	-				
MOTIVE POWER TECHNIQUES - SUPPORT		8		6	75.0	6	100.0	66.7	66.7	50.0	-				
MOTIVE POWER TECHQS-SMALL POWERED EQUIP		254		193	76.0	163	84.5	73.0	64.4	44.2	24,442				
TOTAL															
AVIATION (FLIGHT)															
AVIATION FLIGHT TECHNOLOGY		63		40	63.5	37	92.5	73.0	59.5	29.7	16,054				
PD		13		9	69.2	8	88.9	75.0	75.0	25.0	-				
AVIATION PILOT - ROTARY WING		76		49	64.5	45	91.8	73.3	62.2	28.9	16,915				
TOTAL															
AVIATION (MAINTENANCE)															
AVIATION ENGINEERING TECHNOLOGY		14		11	78.6	9	81.8	100.0	88.9	77.8	30,469				
3 YR		145		111	76.6	99	89.2	73.7	62.6	32.3	18,325				
2 YR		54		42	77.8	37	88.1	62.2	48.6	13.5	21,837				
AVIATION TECHN - AIRCRAFT MAINTENANCE		213		164	77.0	145	88.4	72.4	60.7	30.3	20,478				
TOTAL															
CHEMICAL/BIOLOGICAL															
CHEMICAL ENGINEERING TECHNICIAN		71		57	80.3	35	61.4	57.1	51.4	34.3	24,547				
3 YR		156		120	76.9	100	83.3	73.0	68.0	49.0	26,104				
LABORATORY ASSISTANT		5		0	0.0	0	-	-	-	-	-				
1 YR		11		9	81.8	9	100.0	88.9	77.8	66.7	29,000				
2 YR		15		8	53.3	6	75.0	83.3	83.3	33.3	-				
3 YR		8		1	12.5	-	-	-	-	-	-				
PULP AND PAPER ENGINEERING TECHNOLOGY		266		195	73.3	151	77.4	70.9	64.2	46.4	26,523				
TOTAL															



TABLE A-19 (cont'd)

	DURATION	TOTAL GRADS	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED	PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY
			#	%	#	%		%	%	%	%	
CIVIL												
CIVIL ENGINEERING TECHNICIAN	2 YR	140	105	75.0	58	55.2	58.6	55.2	27.6	27.6	25,512	
CIVIL ENGINEERING TECHNOLOGY	3 YR	306	205	67.0	162	79.0	71.0	62.3	47.5	47.5	27,025	
CONSTRUCTION ENGINEERING TECHNICIAN	2 YR	124	91	73.4	60	65.9	75.0	60.0	36.7	36.7	27,372	
CONSTRUCTION ENGINEERING TECHNOLOGY	3 YR	70	48	68.6	40	83.3	80.0	70.0	47.5	47.5	23,393	
CONSTRUCTION TRADES TECHNIQUES	1 YR	19	13	68.4	11	84.6	72.7	54.5	36.4	36.4	18,343	
GEOGRAPHIC INFORMATION SYSTEMS	PD	36	36	100.0	33	91.7	69.7	57.6	48.5	48.5	33,906	
GEOGRAPHIC INFORMATION SYSTEMS TECHN	2 YR	38	38	100.0	9	23.7	77.8	77.8	44.4	44.4	26,507	
GEOGRAPHIC INFORMATION SYSTEMS TECHY	3 YR	12	10	83.3	10	100.0	70.0	70.0	40.0	40.0	27,259	
SURVEY TECHNICIAN	2 YR	42	36	85.7	31	86.1	64.5	45.2	25.8	25.8	26,697	
SURVEY TECHNOLOGY	3 YR	6	6	100.0	6	100.0	83.3	83.3	83.3	83.3	25,206	
TOTAL		793	588	74.1	420	71.4	70.5	60.7	41.7	41.7	26,959	
DRAFTING												
DESIGN ARTS - INDUSTRIAL	3 YR	3	0	0.0	0	-	-	-	-	-	-	
DESIGN ARTS - INDUSTRIAL DESIGN	2 YR	5	0	0.0	0	-	-	-	-	-	-	
DRAFTING TECHNICIAN	2 YR	118	62	52.5	54	87.1	66.7	57.4	37.0	37.0	26,009	
INDUSTRIAL DESIGN	3 YR	3	2	66.7	2	100.0	100.0	100.0	50.0	50.0	-	
TOTAL		129	64	49.6	56	87.5	67.9	56.9	37.5	37.5	25,858	
ELECTRONICS												
COMPUTER ENGINEERING TECHNICIAN	2 YR	18	0	0.0	0	-	-	-	-	-	-	
COMPUTER ENGINEERING TECHNOLOGY	3 YR	121	78	64.5	74	94.9	68.9	68.9	62.2	62.2	27,532	
COMPUTER SYSTEMS TECHNICIAN	2 YR	25	23	92.0	22	95.7	88.2	88.2	68.2	68.2	27,683	
COMPUTER SYSTEMS TECHNOLOGY	3 YR	20	18	90.0	15	83.3	80.0	66.7	46.7	46.7	24,431	
ELECTRICAL ENGINEERING TECHNICIAN	2 YR	157	138	87.9	96	69.6	67.7	52.1	22.9	22.9	26,080	
ELECTRICAL ENGINEERING TECHNOLOGY	3 YR	94	79	84.0	54	68.4	70.4	64.8	50.0	50.0	26,949	
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	564	445	78.9	337	75.7	68.0	55.2	32.9	32.9	23,191	
ELECTRONICS ENGINEERING TECHNOLOGY	3 YR	297	216	72.7	198	91.7	76.8	71.2	55.6	55.6	25,702	
ELECTRONICS TECHN - GENERAL SERVICING	2 YR	24	8	33.3	7	87.5	57.1	42.9	28.6	28.6	-	
TOTAL		1,320	1,005	76.1	803	79.9	70.5	61.1	42.3	42.3	25,278	
FURNITURE/WOOD PRODUCTS												
CARPENTRY AND MILLWORK - HERITAGE	2 YR	16	13	81.3	11	84.6	90.9	81.8	81.8	81.8	27,149	
FURNITURE PRODUCTS TECHNIQUES	1 YR	1	-	-	-	-	-	-	-	-	-	
FURNITURE TECHNICIAN	2 YR	30	10	33.3	10	100.0	90.0	50.0	20.0	20.0	-	
MANUFACTURING TECHN - WOOD PRODUCTS	2 YR	43	38	88.4	29	76.3	75.9	69.0	48.3	48.3	21,324	
MANUFACTURING TECHQS. - WOOD PRODUCTS	1 YR	5	5	100.0	5	100.0	40.0	0.0	0.0	0.0	-	
WOODWORKING MANUFACTURING MANAGEMENT	PD	1	-	-	-	-	-	-	-	-	-	
TOTAL		96	67	69.8	56	83.6	76.6	62.5	46.4	46.4	23,126	

TABLE A-19 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY \$
			#	%	#	%	%	%	%	%			
GEOLOGY/MINING													
GEOLOGICAL ENGINEERING TECHNICIAN	2 YR	38	34	89.5	2	5.9	100.0	100.0	100.0	0.0	0.0	-	
GEOLOGICAL ENGINEERING TECHNOLOGY	3 YR	21	16	76.2	15	93.8	80.0	66.7	66.7	40.0	40.0	28,126	
MINING AND MINERAL PROCESSING	1 YR	54	48	85.2	44	95.7	50.0	38.6	38.6	9.1	9.1	27,812	
MINING ENGINEERING TECHNICIAN	2 YR	34	26	76.5	14	53.8	35.7	28.6	28.6	14.3	14.3	-	
MINING ENGINEERING TECHNOLOGY	3 YR	23	21	91.3	19	90.5	57.9	52.6	52.6	26.3	26.3	39,771	
TOTAL		170	143	84.1	94	65.7	55.3	45.7	45.7	18.1	18.1	32,047	
INDUSTRIAL													
INDUSTRIAL ENGINEERING TECHNICIAN	2 YR	17	11	64.7	10	90.9	60.0	60.0	60.0	50.0	50.0	28,609	
INDUSTRIAL ENGINEERING TECHY - MGT	3 YR	1	-	-	-	-	-	-	-	-	-	-	
SAFETY ENGINEERING TECHNOLOGY	3 YR	4	4	100.0	3	75.0	33.3	0.0	0.0	0.0	0.0	-	
TOTAL		22	16	72.7	14	87.5	57.1	50.0	50.0	35.7	35.7	28,609	
INSTRUMENTATION													
INSTRUMENTATION ENG. TECHNIQUES	1 YR	14	14	100.0	14	100.0	71.4	71.4	71.4	28.6	28.6	30,069	
INSTRUMENTATION ENGINEERING TECHN	2 YR	102	77	75.5	62	80.5	69.4	58.1	58.1	29.0	29.0	25,511	
INSTRUMENTATION ENGINEERING TECHY	3 YR	69	50	72.5	44	88.0	68.2	61.4	61.4	50.0	50.0	32,198	
TOTAL		185	141	76.2	120	85.1	69.2	60.8	60.8	36.7	36.7	29,236	
MACHINING													
MACHINE SHOP	1 YR	80	9	11.3	6	66.7	50.0	50.0	50.0	16.7	16.7	-	
MECH. ENG TECHN - TOOL & MACHINE DES'N	2 YR	139	85	61.2	73	85.9	76.7	75.3	75.3	54.8	54.8	23,391	
MECH. ENG TECHY - TOOL & MACHINE DES'N	3 YR	17	13	76.5	12	92.3	58.3	50.0	50.0	41.7	41.7	27,786	
TOTAL		236	107	45.3	91	85.0	72.5	68.1	68.1	50.5	50.5	23,678	
MARINE													
MARINA TECHNIQUES	1 YR	4	3	75.0	2	66.7	0.0	0.0	0.0	0.0	0.0	-	
MARINA TECHNOLOGY	3 YR	20	8	40.0	8	100.0	87.5	87.5	87.5	87.5	87.5	20,368	
MARINE ENGINEERING TECHNOLOGY	3 YR	44	15	34.1	15	100.0	73.3	66.7	66.7	53.3	53.3	40,186	
MARINE TECHNOLOGY - NAVIGATION	3 YR	6	4	66.7	4	100.0	50.0	50.0	50.0	25.0	25.0	-	
UNDERWATER SKILLS	1 YR	26	7	26.9	7	100.0	85.7	85.7	85.7	57.1	57.1	31,016	
TOTAL		100	37	37.0	36	97.3	72.2	66.7	66.7	55.6	55.6	29,408	

TABLE A-19 (cont'd)

	DURATION	TOTAL GRADS	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY
			#	%	#	%	%	%	%	%			
MECHANICAL													
ELECTRO—MECHANICAL ENGINEERING TECHN	2 YR	65	49	75.4	35	71.4	65.7	45.7	37.1	24,587			
ELECTRO—MECHANICAL ENGINEERING TECHY	3 YR	24	16	66.7	14	87.5	85.7	71.4	57.1	22,814			
HEATING, AIR COND. & REFRIG. TECHN	2 YR	97	77	79.4	51	66.2	88.2	82.4	54.9	23,322			
HEATING, AIR COND. & REFRIG. TECHY	3 YR	16	12	75.0	10	83.3	70.0	50.0	10.0				
MANUFACTURING ENGINEERING TECHNICIAN	2 YR	39	36	92.3	20	55.6	75.0	65.0	55.0	25,407			
MANUFACTURING ENGINEERING TECHNOLOGY	3 YR	25	23	92.0	21	91.3	78.2	71.4	66.7	29,198			
MECHANICAL ENGINEERING TECHNICIAN	2 YR	84	64	76.2	45	70.3	64.4	60.0	46.7	22,936			
MECHANICAL ENGINEERING TECHNOLOGY	3 YR	194	150	77.3	127	84.7	79.5	74.0	59.8	25,922			
MECHANICAL TECHNIQUES	1 YR	23	21	91.3	18	85.7	61.1	61.1	27.8	25,961			
TOTAL		567	448	79.0	341	76.1	76.0	68.3	51.9	25,184			
POWER													
STATIONARY ENGINEERING	1 YR	16	13	81.3	12	92.3	58.3	50.0	8.3	—			
STATIONARY ENGINEERING	2 YR	64	41	64.1	40	97.6	52.5	50.0	35.0	29,773			
TOTAL		80	54	67.5	52	96.3	53.8	50.0	28.8	29,874			
RESOURCES													
AQUACULTURE TECHNICIAN	2 YR	36	34	94.4	28	82.4	67.9	60.7	28.6	16,712			
ENVIRONMENTAL PEST MANAGEMENT	2 YR	32	23	71.9	20	87.0	90.0	90.0	85.0	25,155			
FISH AND WILDLIFE TECHNICIAN	2 YR	72	64	88.9	24	37.5	58.3	41.7	22,525				
FISH AND WILDLIFE TECHNOLOGY	3 YR	29	15	51.7	14	93.3	64.3	64.3	42.9	21,566			
FOREST MANAGEMENT TECHNOLOGY	3 YR	2	2	100.0	2	100.0	100.0	100.0	100.0	—			
FORESTRY TECHNICIAN	2 YR	163	125	76.7	85	98.0	67.1	62.4	38.8	25,927			
FORESTRY TECHNOLOGY	3 YR	10	9	90.0	6	66.7	83.3	83.3	66.7	24,924			
PARKS & FOREST RECREATION TECHNOLOGY	3 YR	24	22	91.7	19	86.4	73.7	57.9	31.6	19,973			
RESOURCES TECHNICIAN – DRILLING	2 YR	28	25	89.3	20	80.0	65.0	65.0	35.0	21,483			
RESOURCES/ENVIRONMENTAL TECHNICIAN	2 YR	154	120	77.9	38	31.7	63.2	47.4	21.1	23,881			
RESOURCES/ENVIRONMENTAL TECHNOLOGY	3 YR	88	59	67.0	54	91.5	70.4	59.3	37.0	26,257			
TOTAL		638	498	78.1	310	82.2	68.7	60.6	38.1	24,053			
TECHNOLOGY MISCELLANEOUS													
FIRE PROTECTION TECHNICIAN	2 YR	45	28	62.2	26	92.9	57.7	50.0	19.2	17,645			
FIRE PROTECTION TECHNOLOGY	3 YR	22	11	50.0	11	100.0	63.6	54.5	36.4	26,980			
PACKAGING DESIGN	3 YR	14	12	85.7	12	100.0	83.3	75.0	75.0	20,906			
PACKAGING MANAGEMENT AND TECHNOLOGY	3 YR	7	6	85.7	5	83.3	60.0	60.0	—				
TOTAL		88	57	64.8	54	94.7	64.8	57.4	38.9	22,357			

TABLE A-19 (cont'd)

		TOTAL GRADS		TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED		PERCENTAGE EMPLOYED FULL-TIME		PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB		AVERAGE ANNUAL SALARY	
		#		#	%	#	%	%		%		%		\$	
DURATION															
WELDING															
WELDING ENGINEERING TECHNICIAN	2 YR	24		17	70.8	11	64.7	54.5		45.5		36.4		42,797	
WELDING ENGINEERING TECHNOLOGY	3 YR	10		3	30.0	2	66.7	50.0		50.0		50.0		-	
WELDING TECHNIQUES	1 YR	25		23	92.0	19	82.6	68.4		52.6		21.1		18,078	
TOTAL		59		43	72.9	32	74.4	62.5		50.0		28.1		31,427	
TOTAL ENGLISH PROGRAMS		5,764		4,240	73.6	3,237	76.3	70.4		61.3		40.7		25,302	
FRENCH PROGRAMS															
ARCHITECTURAL															
ARCHITECTURAL TECHNICIAN	2 YR	14		14	100.0	7	50.0	28.6		0.0		0.0		-	
ARCHITECTURAL TECHNOLOGY	3 YR	11		9	81.8	3	33.3	66.7		33.3		33.3		-	
TOTAL		25		23	92.0	10	43.5	40.0		10.0		10.0		-	
CHEMICAL/BIOLOGICAL															
CHEMICAL ENGINEERING TECHNICIAN	2 YR	4		3	75.0	0	0.0	-		-		-		-	
CHEMICAL ENGINEERING TECHNOLOGY	3 YR	9		8	88.9	8	100.0	75.0		75.0		50.0		28,940	
TOTAL		13		11	84.6	8	72.7	75.0		75.0		50.0		28,940	
CIVIL															
CIVIL ENGINEERING TECHNOLOGY	3 YR	8		8	100.0	2	25.0	100.0		100.0		100.0		-	
CONSTRUCTION ENGINEERING TECHNICIAN	2 YR	20		20	100.0	3	15.0	33.3		33.3		33.3		-	
CONSTRUCTION ENGINEERING TECHNOLOGY	3 YR	5		5	100.0	5	100.0	20.0		20.0		0.0		-	
TOTAL		33		33	100.0	10	30.3	40.0		40.0		30.0		-	
ELECTRONICS															
COMPUTER ENGINEERING TECHNOLOGY	3 YR	4		4	100.0	4	100.0	75.0		75.0		50.0		-	
COMPUTER SYSTEMS TECHNICIAN	2 YR	10		9	90.0	6	66.7	50.0		33.3		33.3		-	
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	18		16	88.9	11	68.8	63.6		63.6		45.6		19,986	
ELECTRONICS ENGINEERING TECHNOLOGY	3 YR	16		14	87.5	9	64.3	68.7		55.6		22.2		-	
TOTAL		48		43	89.6	30	69.8	63.3		56.7		36.7		21,845	
MACHINING															
MECH. ENG TECHN - TOOL & MACHINE DES'N	2 YR	7		7	100.0	5	71.4	60.0		60.0		60.0		-	
TOTAL		7		7	100.0	5	71.4	60.0		60.0		60.0		-	
MECHANICAL															
MECHANICAL ENGINEERING TECHNOLOGY	3 YR	9		8	88.9	5	62.5	80.0		60.0		20.0		-	
TOTAL		9		8	88.9	5	62.5	80.0		60.0		20.0		-	

TABLE A-19 (cont'd)

	DURATION	TOTAL GRADS #	TOTAL IN SURVEY		GRADS IN LABOUR FORCE		PERCENTAGE EMPLOYED %	PERCENTAGE EMPLOYED FULL-TIME %	PERCENTAGE EMPLOYED FULL-TIME IN RELATED JOB %	AVERAGE ANNUAL SALARY \$
			#	%	#	%				
RESOURCES										
FISH AND WILDLIFE TECHNICIAN	2 YR	11	10	90.9	4	40.0	100.0	50.0	25.0	-
FORESTRY TECHNICIAN	2 YR	16	15	93.8	11	73.3	54.5	54.5	36.4	24,377
RESOURCES/ENVIRONMENTAL TECHNICIAN	2 YR	18	11	61.1	8	72.7	62.5	50.0	0.0	-
TOTAL		45	36	80.0	23	63.9	65.2	52.2	21.7	25,484
TOTAL FRENCH PROGRAMS		180	161	89.4	91	56.5	60.4	50.5	30.8	23,530
BILINGUAL PROGRAMS										
ELECTRONICS										
ELECTRICAL ENGINEERING TECHNICIAN	2 YR	8	7	87.5	5	71.4	80.0	80.0	20.0	-
ELECTRICAL ENGINEERING TECHNOLOGY	3 YR	5	5	100.0	5	100.0	60.0	40.0	20.0	-
ELECTRONICS ENGINEERING TECHNICIAN	2 YR	4	2	50.0	1	-	-	-	-	-
TOTAL		17	14	82.4	11	78.6	72.7	63.6	18.2	-
TOTAL BILINGUAL PROGRAMS		17	14	82.4	11	78.6	72.7	63.6	18.2	-
TOTAL TECHNOLOGY PROGRAMS		5,961	4,415	74.1	3,339	75.6	70.1	61.0	40.3	25,269

Note: See Appendix F for a list of abbreviations used in this table.



TABLE A-20  
DISTRIBUTION OF EMPLOYMENT BY INDUSTRY,  
TECHNOLOGY PROGRAMS, 1993

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ARCHITECTURAL, ENGINEERING AND OTHER SCIENTIFIC AND TECHNICAL SERVICES	124	8	132	6.1
COMPUTER AND RELATED SERVICES	78	2	80	3.7
ECONOMIC SERVICES ADMINISTRATION	69	4	73	3.4
FOOD SERVICES	33	21	54	2.5
COMMUNICATION AND OTHER ELECTRONIC EQUIPMENT INDUSTRIES	51	2	53	2.5
FOOD STORES	23	28	51	2.4
GENERAL ADMINISTRATIVE SERVICES	36	7	43	2.0
SITE WORK	39	2	41	1.9
MOTOR VEHICLE INDUSTRY	37	--	37	1.7
MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	37	--	37	1.7
GENERAL MERCHANDISE STORES	20	14	34	1.6
OTHER BUSINESS SERVICES	25	8	33	1.5
RESIDENTIAL BUILDING AND DEVELOPMENT	29	3	32	1.5
AIR TRANSPORT INDUSTRIES	28	2	30	1.4
POST--SECONDARY NON--UNIVERSITY EDUCATION	14	13	27	1.3
ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	23	3	26	1.2
SERVICES TO BUILDINGS AND DWELLINGS	23	3	26	1.2
HARDWARE, TOOL AND CUTLERY INDUSTRIES	25	--	25	1.2
INTERIOR AND FINISHING WORK	21	4	25	1.2
OTHER MACHINERY AND EQUIPMENT INDUSTRIES	24	--	24	1.1
NON--RESIDENTIAL BUILDING AND DEVELOPMENT	22	1	23	1.1
OFFICE, STORE AND BUSINESS MACHINE INDUSTRIES	21	2	23	1.1
HARDWARE, PAINT, GLASS AND WALLPAPER STORES	20	2	22	1.0
PROJECT MANAGEMENT, CONSTRUCTION	19	3	22	1.0
MACHINE SHOP INDUSTRY	21	--	21	1.0
OTHER SERVICES INCIDENTAL TO CONSTRUCTION	20	1	21	1.0
ELECTRICAL WORK	19	--	19	0.9
EMPLOYMENT AGENCIES AND PERSONNEL SUPPLIERS	15	4	19	0.9
GASOLINE SERVICE STATIONS	12	7	19	0.9
HOSPITALS	12	7	19	0.9
HUMAN RESOURCE ADMINISTRATION	17	2	19	0.9
PLUMBING, HEATING AND AIR CONDITIONING, MECHANICAL WORK	18	1	19	0.9
HIGHWAY AND HEAVY CONSTRUCTION	17	1	18	0.8
INDUSTRIAL MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	18	--	18	0.8
SCIENTIFIC AND PROFESSIONAL EQUIPMENT INDUSTRIES	16	1	17	0.8
AUTOMOTIVE PARTS AND ACCESSORIES STORES	12	4	16	0.7
INDUSTRIAL CONSTRUCTION (OTHER THAN BUILDINGS)	16	--	16	0.7
HOTELS, MOTELS AND TOURIST COURTS	11	4	15	0.7
MOTOR VEHICLE REPAIR SHOPS	15	--	15	0.7
FOOD, WHOLESALE	13	1	14	0.7
LUMBER AND BUILDING MATERIALS, WHOLESALE	13	1	14	0.7



TABLE A -20 (cont'd)

INDUSTRY *	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
PRIMARY STEEL INDUSTRIES	14	--	14	0.7
ELECTRICAL INDUSTRIAL EQUIPMENT INDUSTRIES	12	1	13	0.6
SASH, DOOR AND OTHER MILLWORK INDUSTRIES	12	1	13	0.6
TELECOMMUNICATION BROADCASTING INDUSTRIES	12	1	13	0.6
TRUCK TRANSPORT INDUSTRIES	13	--	13	0.6
DEFENCE SERVICES	11	1	12	0.6
FARM MACHINERY, EQUIPMENT AND SUPPLIES, WHOLESALE	11	1	12	0.6
NON-INSTITUTIONAL SOCIAL SERVICES	8	4	12	0.6
STRUCTURAL AND RELATED WORK	12	--	12	0.6
TELECOMMUNICATION CARRIERS INDUSTRY	12	--	12	0.6
APPLIANCE, TELEVISION, RADIO AND STEREO STORES	10	1	11	0.5
POSTAL AND COURIER SERVICE INDUSTRIES	10	1	11	0.5
UNIVERSITY EDUCATION	9	2	11	0.5
COMMERCIAL PRINTING INDUSTRIES	9	1	10	0.5
EXTERIOR CLOSE-IN WORK	10	--	10	0.5
LOGGING INDUSTRY	10	--	10	0.5
MANAGEMENT CONSULTING SERVICES	8	2	10	0.5
OTHER RETAIL STORES	7	3	10	0.5
PRESCRIPTION DRUGS AND PATENT MEDICINE STORES	6	4	10	0.5
PROTECTIVE SERVICES	9	1	10	0.5
SERVICE INDUSTRIES INCIDENTAL TO AIR TRANSPORT	10	--	10	0.5
SPORTS AND RECREATION CLUBS AND SERVICES	10	--	10	0.5
<b>SUB-TOTAL</b>	<b>1,331</b>	<b>190</b>	<b>1,521</b>	<b>70.8</b>
<b>OTHER</b>	<b>575</b>	<b>52</b>	<b>627</b>	<b>29.2</b>
<b>TOTAL **</b>	<b>1,906</b>	<b>242</b>	<b>2,148</b>	<b>100.0</b>

\* Industries are listed at the group (three-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 10 in the survey, on the type of business or service of the employer.

TABLE A - 21

DISTRIBUTION OF EMPLOYMENT BY OCCUPATION,  
TECHNOLOGY PROGRAMS, 1993

OCCUPATION*	EMPLOYED FULL - TIME #	EMPLOYED PART - TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
ARCHITECTURAL & ENGINEERING TECHNOLOGISTS & TECHNICIANS	207	9	216	10.1
SYSTEMS ANALYSTS, COMPUTER PROGRAMMERS & RELATED OCCUPATIONS	83	--	83	3.9
ELECTRONIC & RELATED EQUIPMENT INSTALLING AND REPAIRING OCCUPATIONS, N.E.C.	67	4	71	3.3
DRAFTING OCCUPATIONS	62	2	64	3.0
SALES CLERKS, COMMODITIES	36	23	59	2.8
PHYSICAL SCIENCE TECHNOLOGISTS & TECHNICIANS	51	--	51	2.4
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, OTHER CONSTRUCTION TRADES	38	4	42	2.0
CARPENTERS & RELATED OCCUPATIONS	36	4	40	1.9
LIFE SCIENCE TECHNOLOGISTS & TECHNICIANS	34	1	35	1.6
SALES WORKERS, COMMODITIES, N.E.C.	26	8	34	1.6
INDUSTRIAL, FARM & CONSTRUCTION MACHINERY: MECHANICS & REPAIRERS	28	3	31	1.5
SURVEYORS	26	5	31	1.5
TELLERS & CASHIERS	18	11	29	1.4
NURSERY & RELATED WORKERS	26	1	27	1.3
MOTOR - VEHICLE MECHANICS & REPAIRERS	20	6	26	1.2
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, METAL PROCESSING	24	2	26	1.2
AIRCRAFT MECHANICS & REPAIRERS	24	1	25	1.2
TECHNICAL SALES OCCUPATIONS & RELATED ADVISORS	23	1	24	1.1
TOOL & DIE - MAKING OCCUPATIONS	24	--	24	1.1
WIRE COMMUNICATIONS & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	21	3	24	1.1
ELECTRICAL & RELATED EQUIPMENT INSTALLING & REPAIRING OCCUPATIONS	22	1	23	1.1
FOOD & BEVERAGE SERVING OCCUPATIONS	10	13	23	1.1
OTHER CONSTRUCTION TRADE OCCUPATIONS, N.E.C.	23	--	23	1.1
JANITORS, CHARWORKERS & CLEANERS	18	4	22	1.0
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, MATERIAL HANDLING, N.E.C.	18	4	22	1.0
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: PRODUCT FABRICATING,				
ASSEMBLING & REPAIRING, N.E.C.	22	--	22	1.0
INDUSTRIAL ENGINEERS	20	1	21	1.0
PRECISION - INSTRUMENT MECHANICS & REPAIRERS	21	--	21	1.0
OTHER SERVICE OCCUPATIONS, N.E.C.	20	--	20	0.9
CONSTRUCTION ELECTRICIANS & REPAIR WORKERS	19	--	19	0.9
MACHINIST & MACHINE - TOOL SETTING - UP OCCUPATIONS	19	--	19	0.9
TRUCK DRIVER	19	--	19	0.9

TABLE A-21 (cont'd)

OCCUPATION*	EMPLOYED FULL-TIME #	EMPLOYED PART-TIME #	EMPLOYED TOTAL #	PERCENTAGE DISTRIBUTION %
MECHANICS & REPAIRERS, EXCEPT ELECTRICAL, N.E.C.	17	1	18	0.8
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: EXCAVATING, GRADING & PAVING	15	3	18	0.8
CHEFS & COOKS	12	5	17	0.8
INSTRUCTORS & TRAINING OFFICERS, N.E.C.	15	2	17	0.8
MECHANICAL ENGINEERS	17	--	17	0.8
ELECTRICAL POWER, LIGHTING & WIRE COMMUNI.	16	--	16	0.8
ELECTRONIC EQUIPMENT FABRICATING & ASSEMBLING OCCUPATIONS	15	1	16	0.8
STOCK CLERKS & RELATED OCCUPATIONS	7	9	16	0.8
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK: FOOD, BEVERAGE & RELATED PROCESSING	12	3	15	0.7
SHIPPING & RECEIVING CLERKS	14	1	15	0.7
STATIONARY ENGINE & AUXILIARY EQUIPMENT OPERATING & MAINTAINING OCCUPATIONS	15	--	15	0.7
GUARDS & RELATED SECURITY OCCUPATIONS	10	4	14	0.7
CABINET & WOOD FURNITURE MAKERS	13	--	13	0.6
COLLECTORS	10	3	13	0.6
SUPERVISORS: SALES OCCUPATIONS, COMMODITIES	12	1	13	0.6
INSPECTING & TESTING OCCUPATIONS: FABRICATING, ASSEMBLING, INSTALLING & REPAIRING ELECTRICAL, ELECTRONIC & RELATED EQUIPMENT	12	--	12	0.6
OCCUPATIONS IN LABOURING & OTHER ELEMENTAL WORK, N.E.C.	12	--	12	0.6
OCCUPATIONS RELATED TO MANAGEMENT & ADMINISTRATION, N.E.C.	11	1	12	0.6
OTHER PRODUCT FABRICATING, ASSEMBLING & REPAIRING OCCUPATIONS, N.E.C.	10	2	12	0.6
INSPECTING & TESTING OCCUPATIONS, CONSTRUCTION EXCEPT ELECTRICAL	11	--	11	0.5
WELDING & FLAME CUTTING OCCUPATIONS	10	1	11	0.5
COMMERCIAL TRAVELLERS	9	1	10	0.5
CROP FARMERS	9	1	10	0.5
GENERAL OFFICE CLERKS	7	3	10	0.5
OTHER OCCUPATIONS, N.E.C.	10	--	10	0.5
PIPEFITTING, PLUMBING & RELATED OCCUPATIONS	10	--	10	0.5
<b>SUB-TOTAL</b>	<b>1,416</b>	<b>153</b>	<b>1,569</b>	<b>73.7</b>
<b>OTHER</b>	<b>476</b>	<b>84</b>	<b>560</b>	<b>26.3</b>
<b>TOTAL **</b>	<b>1,892</b>	<b>237</b>	<b>2,129</b>	<b>100.0</b>

\* Occupations are listed at the group (four-digit) level, as defined by Statistics Canada.

\*\* Total number of responses to question 14 in the survey, on the type of business or service of the employer.



## Appendix B

### SURVEY METHODOLOGY

#### A. Scope

The Graduate Employment Survey on which this report is based includes all the Summer 1992, Fall 1992, and Winter 1993 graduates of full-time postsecondary programs from the 23 Colleges of Applied Arts and Technology in Ontario. In that sense, it is a survey of the entire population, not just a sample.

#### B. Procedures

The Graduate Employment Survey is a mail survey conducted by the placement offices of the 23 colleges using a standard questionnaire prepared in both English and French. The English-language version of the questionnaire is shown on pages 117 to 120. The survey is conducted three times a year, once for each graduating class (i.e., summer, fall, and winter terms). The graduates are surveyed six months after graduation. The reference weeks for the 1992 surveys were as follows:

Summer Term, 1992:	week of February 28 - March 6, 1993
Fall Term, 1992:	week of July 4 - July 10, 1993
Winter Term, 1993:	week of October 31 - November 6, 1993

Information about the employment status of the 1992-93 graduates was gathered through the survey for the reference weeks, which were approximately six months after graduation. Employment levels change over time; therefore, it is important to keep in mind that the survey findings show only the employment outcomes of college graduates during the reference week.

Each college mailed the questionnaire to its 1992-93 graduates. College placement staff telephoned graduates who had not responded to the survey, thereby ensuring a high overall response rate. College staff then coded the questionnaires and sent the information to the Ministry of Education and Training. Ministry staff compiled and consolidated the information received from all 23 colleges.

All of the questions on the survey were close-ended and precoded, except question 10 (the type of industry in which the graduate found employment) and question 14 (the type of occupation in which the graduate found employment). In coding occupations, the CCDO (Canadian Classification and Dictionary of Occupations) codes as defined by Canada Employment and Immigration were used; in coding industries, the 1980 SIC (Standard Industrial Classification) codes as defined by Statistics Canada were used. Readers who wish to know more about CCDO codes or SIC should refer to the relevant material available from Statistics Canada.



### C. Response Rate

Some questionnaires were non-deliverable because the graduates had moved away from their original address after graduation and could not be located. The response rate was not adjusted for non-deliverable questionnaires, and those questionnaires were considered as non-respondents. Since the Graduate Employment Survey is not a random sample survey but rather a survey of the entire population, statistical methods used in a random sample survey do not generally apply. The assumption of no non-response bias is made, as it is in most socio-economic research.

The overall response rate for the questionnaire was 72.5 per cent. The consistent survey methodology and the high overall response rate have contributed to reliability of data on the employment outcomes of college graduates.

**Response Rate by College**

College	Total Number of Graduates #	Total Responses #	Response Rate %
Algonquin	2,726	2,254	82.7
Cambrian	1,179	1,070	90.8
Canadore	883	499	56.5
Centennial	1,307	840	64.3
La Cité	641	550	85.8
Conestoga	1,103	966	87.6
Confederation	936	779	83.2
Durham	935	690	73.8
Fanshawe	1,790	1,506	84.1
George Brown	2,466	1,269	51.5
Georgian	1,542	886	57.5
Humber	2,358	2,037	86.4
Lambton	494	494	100.0
Loyalist	865	845	97.7
Mohawk	1,456	1,178	80.9
Niagara	779	636	81.6
Northern	491	374	76.2
Sault	728	451	62.0
Seneca	2,612	1,200	45.9
Sheridan	1,929	1,738	90.1
S. S. Fleming	1,793	1,559	86.9
St. Clair	1,485	449	30.2
St. Lawrence	1,266	756	59.7
<b>TOTAL</b>	<b>31,764</b>	<b>23,026</b>	<b>72.5</b>





**Ontario  
College  
Placement  
Group**

ALGONQUIN • CAMBRIAN • CANADORE • CENTENNIAL  
LA CITE COLLEGIALE • CONESTOGA • CONFEDERATION  
DURHAM • FANSHAW  
GEORGE BROWN • GEORGIAN • HUMBER • LAMBTON  
LOYALIST • MOHAWK • NIAGARA • NORTHERN • ST. CLAIR  
ST. LAWRENCE • SAULT • SENECA • SHERIDAN  
SIR SANDFORD FLEMING

## COLLEGE GRADUATE QUESTIONNAIRE

**FOR OFFICE USE ONLY**

Name: .....  
Address: .....  
City/Prov.: .....  
Postal Code: .....  
Current Phone No. (.....)

Please check that your personal information is correct. If it is not, make the necessary changes on the right. Do not remove the label.

### Instructions

Please take a few minutes to complete this questionnaire and return it immediately in the enclosed self-addressed envelope. The data collected through this survey will help determine the success of college graduates in the workplace. Please follow the instructions carefully in the questionnaire and answer all the questions applicable to you.

### Freedom of Information and Protection of Privacy Act

In accordance with section 39 (2) of the Freedom of Information and Protection of Privacy Act, this is to advise you that the personal information collected on this form will be used only for statistical purposes, such as reports on the employment profile of college graduates, by the Colleges of Applied Arts and Technology and the Ministry of Colleges and Universities. This information is collected under the legal authority of the Ministry of Colleges and Universities Act R.S.O. 1980, C.272 and regulations.

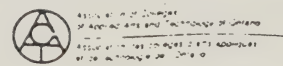
For further information, you may contact your Career Service/Placement Office at the address and telephone number provided.

Q1. During the week of FEBRUARY 28 - MARCH 6, 1993 were you:

- employed ..... 1 (Go to Q7)
- not employed but looking for a job ..... 2 (Go to Q4)
- not employed and not looking for a job ..... 3 (Go to Q2)

Office Use Only							
1	9	9	4	0	2	2	7
20		Year/Month/Day				27	

Publié en français sous le titre: Questionnaire sur le placement des diplômé(e)s des collèges.



Q2. What was the main reason you were not looking for employment?  
(check one box only)

- \_\_\_\_\_ further full-time education at College ..... 1
- \_\_\_\_\_ further full-time education at University ..... 2
- \_\_\_\_\_ further full-time education at other institution ..... 3
- \_\_\_\_\_ travel ..... 4
- \_\_\_\_\_ health ..... 5
- \_\_\_\_\_ home or family responsibility ..... 6
- \_\_\_\_\_ other (specify) ..... 7

Please print:

\_\_\_\_\_ (Institution Name)  
\_\_\_\_\_ (Program Name)

Q3. Have you looked for employment since graduation?

- Yes ..... Y (Go to Q4)
- No ..... N (Go to Q23)

Q4. Have you been employed between graduation and February 27, 1994?

- Yes ..... Y (Go to Q5)
- No ..... N (Go to Q22, complete section A only)

Q5. What was the duration of your **FIRST JOB** after graduation?  
(Please record number of months OR weeks)

Months \_\_\_\_\_  
OR Weeks \_\_\_\_\_

For Office Use Only

M	Units	Value
W		
32	33	35

Q6. What was the main reason for leaving your **FIRST JOB** after graduation? (Check one box only)

- \_\_\_\_\_ summer job ..... 01
- \_\_\_\_\_ temporary or contract only ..... 02
- \_\_\_\_\_ freelance or self-employed ..... 03
- \_\_\_\_\_ laid off due to lack of work ..... 04
- \_\_\_\_\_ job not related to my program of study ..... 05
- \_\_\_\_\_ poor working conditions ..... 06
- \_\_\_\_\_ salary was too low ..... 07
- \_\_\_\_\_ no opportunity for advancement ..... 08
- \_\_\_\_\_ better job became available ..... 09
- \_\_\_\_\_ other (specify) ..... 10

36 - 37

PLEASE CONTINUE WITH Q7.

If you were employed during the week of FEBRUARY 28 - MARCH 6, 1993 please complete this section with information about that job. If more than one job was held at the same time, please complete for the job which occupied the most time per week.

If you were not employed during the week of FEBRUARY 28 - MARCH 6, 1993 but have held at least one job since graduation please complete this section with information about your first job after graduation. If more than one job was held at the same time please complete for the job which occupied the most time per week.

Q7. Are you providing information for:

- the job held during the week of FEBRUARY 28 - MARCH 6, 1993 ..... C
- the job held between graduation and FEBRUARY 28, 1993 ? ..... F

38

Q8. When did you start your job? (Please record year and month)

Year

19

39

Month

44

Q9.A. Were you self-employed/freelance?

YesY

NoN

Q9.B. What company/organization did you work for?

Name of Company/Organization

Address

Postal Code

Phone No. ( )

Q10. What type of business, industry, or service was this?  
(e.g. Daycare Centre, Hospital, Auto Parts Manufacturer,  
Insurance Company, Engineering Firm, Municipal Government, etc.)

For Office Use Only

0

1980 SIC

Q11. How many hours per week did you work at your job?  
(Do not include overtime)

hours per week

If you worked less than 30 hours per week, go to Q12

If you worked 30 hours or more per week, go to Q13

For Office Use Only

50 (2 Decimals) 53

Q12. What was the main reason for working less than 30 hours per week?  
(Please check one box only)

full-time work in my field is under 30 hours per week 1

could only find part-time work 2

personal choice 3

own illness or disability 4

personal or family responsibilities 5

going to school full-time 6

other (specify) 7

Please print:

(Institution Name)

(Program Name)

Q13. Please select one of the following:

My job has no specific termination date P (Go To Q14)

My job has a specific termination date T

(Please record the number of months or number of weeks) 55

Months

OR Weeks

For Office Use Only

M

Units

Value

56

57

59

Q14. What was your job title and what kind of work were you doing?  
(e.g. Secretary - type reports, maintain filing system, arrange meetings and direct telephone calls)

Job Title

Job Duties

For Office Use Only

JOB CCDO

66

Q15. Were the responsibilities of your job related to your program of study?

YesY

PartiallyP

NoN

Q16. What level of education was required to get your job?

(Please check **one** box only)

- college diploma/certificate ..... 1  
 university degree ..... 2  
 some post-secondary education ..... 3  
 high school or less ..... 4  
 other (specify) ..... 5  
 not specified ..... 6  
 unknown ..... 7

28

Q17. Following graduation what was your **starting salary** including commission and gratuities? (Complete **one** only)

\$/hour .....  
 \$/week .....  
 \$/month .....  
 \$/year .....

Those currently not employed go to Q. 22.

For Office Use Only

H					
W					
M					
Y					
	29	30	Dollars/Cents		36

Q18. During the week of FEBRUARY 28 - MARCH 6, 1993 did you have more than one job?

- YES ..... Y (Go to Q19)  
 NO ..... N (Go to Q21)

37

Q19. How many hours per week did you work at your other job?

For Office Use Only


38 (2 Decimals) 41

Q20. Were the responsibilities of your other job related to your program of study?

- Yes ☐ Y Partially ☐ P No ☐ N

42

42

42

Q21. If you are currently employed, are you still actively seeking another job?

- Yes ☐ Y No ☐ N

43

43

Q22. How did you look for work?

JOB SEARCH ACTIVITIES	SECTION A	SECTION B
	Which job search activities did you use? (Check as many as appropriate)	Which job search activity was the most successful? (Check one box only)
• Used On-Campus Placement Services (Referral/Job Notice/On-Campus Recruiting)	<input type="checkbox"/>	<input type="checkbox"/> 44
• Contacted Teacher / Academic Depts.	<input type="checkbox"/>	<input type="checkbox"/>
• Through Co-operative Education Employer(s)	<input type="checkbox"/>	<input type="checkbox"/>
• Through Internship / Field Placement	<input type="checkbox"/>	<input type="checkbox"/>
• Found Employer On My Own	<input type="checkbox"/>	<input type="checkbox"/>
• Visited Off-Campus Canada Employment Centre	<input type="checkbox"/>	<input type="checkbox"/>
• Used Private Employment Agency	<input type="checkbox"/>	<input type="checkbox"/>
• Read Newspaper, Journal, Media Ads	<input type="checkbox"/>	<input type="checkbox"/>
• Contacted Friends/Relatives	<input type="checkbox"/>	<input type="checkbox"/>
• Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/> 53

Q23. Please attach a separate sheet for any comments you may wish to make.

Q24. Please provide your signature and the date.

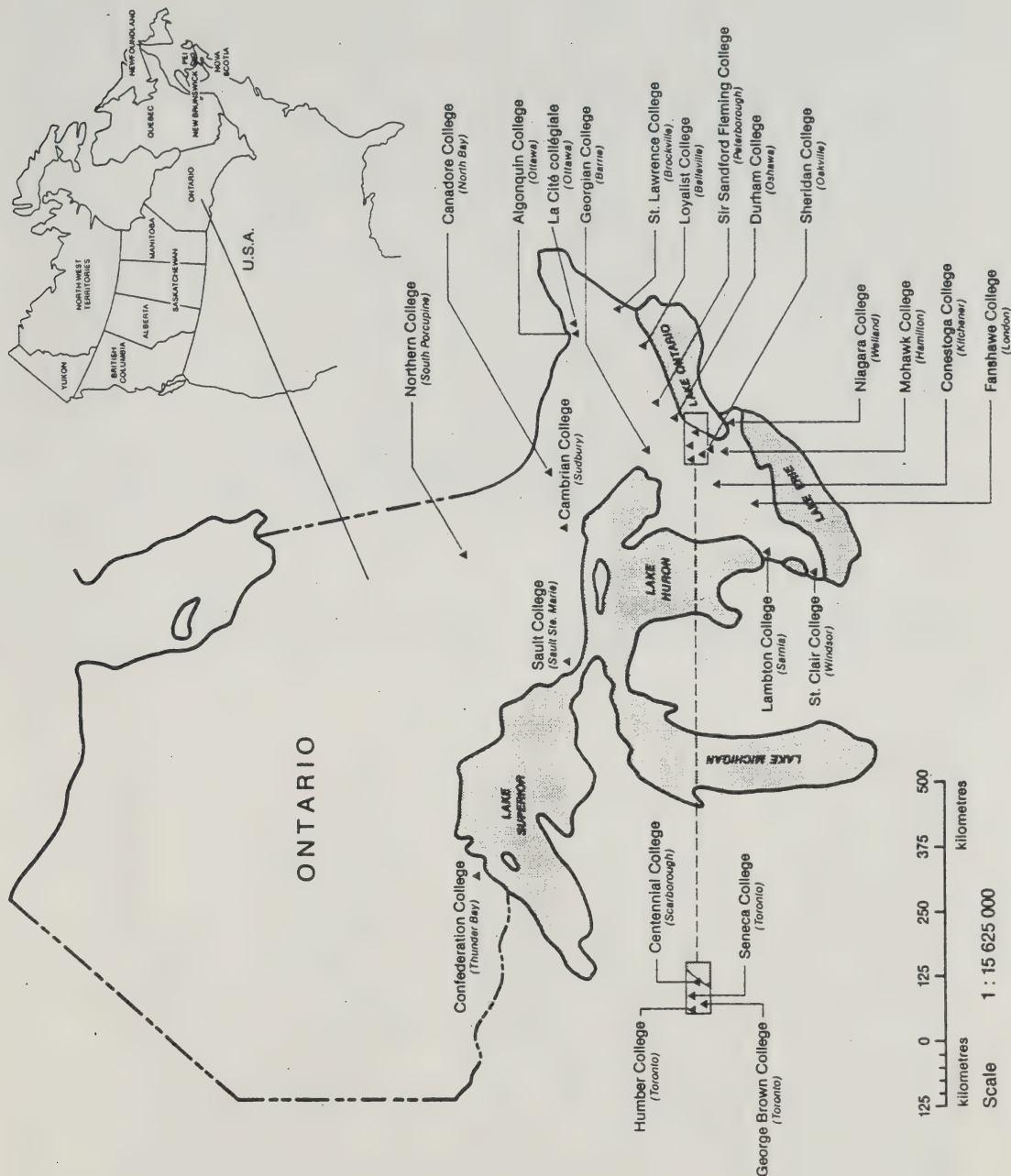
(Signature)

(Date)

THANK YOU FOR YOUR CO-OPERATION



# GEOGRAPHIC LOCATIONS OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY (MAIN CAMPUSES)







## LIST OF PROGRAMS BY COLLEGE, 1993-94\*

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## APPENDIX D (Cont'd)

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# APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A E F B	DUR	A C C C L L A A E A G M N N C N S F H S R R B B T A G L M N S S S S S S																									
			65	67	2 YR	E	A	E	E	F																		
CORRECTIONAL WORKER	72	1 YR	E																									
COSMETIC SALES	72	2 YR																										
COSMETIC TECHNIQUES	80	2 YR																										
COURT AND TRIBUNAL ADMINISTRATION	82	3 YR																										
COURT REPORTING - MACHINE SHORTHAND	72	2 YR																										
CREATIVE ADVERTISING	77	P D																										
CULINARY ARTS - ITALIAN	77	77	2 YR	E																								
CULINARY MANAGEMENT	65	1 YR																										
DAY CARE ASSISTANT	89	90	1 YR	E	A	C	F																					
DENTAL ASSISTANT	89	90	2 YR	E	A	E	F																					
DENTAL HYGIENE	82	1 YR																										
DENTAL HYGIENE - EXPANDED DUTIES	89	90	3 YR																									
DENTAL OFFICE ADMINISTRATION	82	1 YR																										
DENTAL TECHNOLOGY	89	3 YR																										
DENTURE THERAPY	89	3 YR																										
DESIGN - URBAN	65	3 YR																										
DESIGN ARTS - INDUSTRIAL	97	3 YR																										
DESIGN ARTS - INDUSTRIAL DESIGN	97	2 YR																										
DEVELOPMENTAL DISABILITIES WORKER	65	P D																										
DEVELOPMENTAL SERVICES WORKER	65	67	2 YR	E	A	E	F																					
DRAFTING TECHNICIAN	97	2 YR	E																									
DRAMATIC SCRIPTWRITING	65	P D																										
EARLY CHILDHOOD EDUC. - SPECIAL NEEDS	65	P D																										
EARLY CHILDHOOD EDUC. RESOURCE TEACHER	65	P D																										
EARLY CHILDHOOD EDUCATION	65	67	2 YR	E	A	E	F																					
EDUCATIONAL ASSISTANT	65	2 YR																										
EDUCATIONAL ASSISTANT	65	P D																										
EDUCATIONAL RESOURCES & SPECIAL NEEDS	65	2 YR																										
ELECTRICAL ENGINEERING TECHNICIAN	97	101	2 YR																									
ELECTRICAL ENGINEERING TECHNOLOGY	97	101	3 YR																									
ELECTRICAL TECHNIQUES	99	1 YR	E																									
ELECTRO-MECHANICAL ENGINEERING TECHN.	99	2 YR	E																									
ELECTRO-MECHANICAL ENGINEERING TECHY.	99	3 YR																										
ELECTRONIC DATA COMMUNICATIONS		P D																										



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APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A E F B	DUR	A C C C L A A G M N N C O O U R S F H S R R B T A G L M N N S S S S S S S																									
			2 YR	2 YR	E	F																						
FOREST RECREATION TECHNICIAN		101																										
FORESTRY TECHNICIAN																												
FUNERAL SERVICE EDUCATION	89																											
FURNITURE PRODUCTS TECHNIQUES	97																											
FURNITURE TECHNICIAN	97																											
GEMMOLOGY	72																											
GENERAL ARTS AND SCIENCE	66	68																										
GENERAL ARTS AND SCIENCE - ADVANCED																												
GENERAL VOCATIONAL PREPARATION	66																											
GEOGRAPHIC INFORMATION SYSTEMS	97																											
GEOGRAPHIC INFORMATION SYSTEMS TECHN.	97																											
GEOGRAPHIC INFORMATION SYSTEMS TECHY.	97																											
GEOLOGICAL ENGINEERING TECHNICIAN	98																											
GEOLOGICAL ENGINEERING TECHNOLOGY	98																											
GRAPHIC ARTS REPROD - PRODUCTION CO - ORD.	73																											
GRAPHIC DESIGN FUNDAMENTALS	72																											
GRAPHIC SIGN DESIGN AND PRODUCTION	73																											
HEALTH RECORDS ADMINISTRATION	82																											
HEALTH RECORDS TECHNICIAN	82																											
HEALTH RECORDS TECHNICIAN	82																											
HEARING INSTRUMENT DISPENSER																												
HEATING, AIR COND. & REFRIG. TECHNICIAN	99																											
HEATING, AIR COND. & REFRIG. TECHNOLOGY	99																											
HEAVY EQUIPMENT SPECIALIST	96																											
HEAVY EQUIPMENT TECHNICIAN	96																											
HORSE INDUSTRY MANAGEMENT	89																											
HORSE INDUSTRY OPERATIONS	89																											
HOSPITALITY ADMINISTRATION & SERVICE	77																											
HOSPITALITY AND TOURISM																												
HOTEL AND RESTAURANT ADMINISTRATION	77																											
HOTEL AND RESTAURANT MANAGEMENT	77	77																										
HUMAN RESOURCES MANAGEMENT	81																											
HUMAN SERVICES ADMINISTRATION	67																											
HUMAN SERVICES FOUNDATION	66																											
INDUSTRIAL DESIGN	97																											



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## APPENDIX D (Cont'd)

[illegible]



PROGRAMS	PAGE(S) IN APPENDIX A E F B	DUR	A	C	C	L	C	C	D	F	G	G	H	L	L	M	N	N	S	S	S	S	S	S	S	S
			L	A	A	E	A	O	O	U	A	R	E	U	A	O	I	O	T	L	A	U	N	E	F	L
MOTIVE POWER TECHQS-SMALL POWERED EQUIP.	96	1 YR							E																	
MOULDMaking TECHNICIAN		2 YR											E													
MUNICIPAL ADMINISTRATION & ASSESSMENT	81	2 YR								E																
MUSEUM MANAGEMENT		P D																								
MUSEUM TECHNOLOGY	72	3 YR	E																							
MUSIC	74	3 YR	E										E													
MUSIC INDUSTRY ARTS	73	2 YR								E																
MUSIC PREPARATORY		1 YR														E										
MUSIC THEATRE - PERFORMANCE	74	3 YR																								
NATIVE CHILD AND FAMILY WORKER	66	3 YR	E						E																	
NATIVE COMMUNITY WORKER	66	2 YR	E													E										
NATURAL RESOURCES TECHY. - LAW ENFORCE.	65	P D																								
NURSING	93	93	3 YR	E	A	C	E	F	E	E	E	E	E	E	E	E	E	C	E	E	E	E	E	E	E	E
NURSING ASSISTANT	93	93	1 YR	E	C	E	E	F	E	E	E	E	E	E	E	E	E	C	E	E	E	E	E	E	E	E
OCCUPATIONAL THERAPY (O.T.A.)		1 YR																								
OFFICE ADMIN. - INFORMATION SYSTEMS	82	2 YR																								
OFFICE ADMIN. - WORD PROCESSING	82	1 YR	E																							
OFFICE ADMIN. - WORD PROCESSING	82	2 YR																								
OFFICE ADMINISTRATION - EXECUTIVE	82	2 YR	E	A	C	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OFFICE ADMINISTRATION - GENERAL	82	83	84	1 YR	E	C	E	F	E	E	E	E	E	E	E	E	E	C	E	E	E	E	E	E	E	E
OFFICE ADMINISTRATION - LEGAL	82	2 YR	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OFFICE ADMINISTRATION - MEDICAL	82	84	2 YR	E	A	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OFFICE SYSTEMS ADMINISTRATION	82	3 YR	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
OPHTHALMIC DISPENSER	89	2 YR											E													
ORTHOTIC/PROSTHETIC TECHNICIAN	89	2 YR											E													
PACKAGING DESIGN	99	3 YR																								
PACKAGING MANAGEMENT AND TECHNOLOGY	99	3 YR																								
PARKS & FOREST RECREATION TECHNOLOGY	99	3 YR																								
PARTS MANAGEMENT AND MERCHANDISING	81	1 YR																								
PHARMACY ASSISTANT	89	90	1 YR	E	A																					
PHOTOGRAPHY	73	74	2 YR	E																						
PHOTOGRAPHY	73	P D																								
PHOTOJOURNALISM	73	2 YR																								
PHYSIOTHERAPY ASSISTANT (P.T.A.)		1 YR																								

APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A E F B	DUR	A	C	C	C	C	C	D	F	G	H	L	L	M	N	N	S	S	S
			L	A	A	O	O	O	U	A	R	E	U	A	O	I	O	T	L	A
PIANO TECHNICIAN	66	2 YR								E										
PRE-HEALTH SCIENCE	66	1 YR								E										E
PRE-TECHNOLOGY	66	1 YR								E										
PREPARATORY HEALTH SCIENCES	66	1 YR								E										
PRINTING TECHNICIAN	73	2 YR	E																	
PRINTING TECHNOLOGY	73	3 YR																		
PROPERTY MANAGEMENT	81	2 YR																		E
PUBLIC RELATIONS	66	2 YR	E																	
PUBLIC RELATIONS	66	3 YR	E																	
PUBLIC RELATIONS	66	P D																		E
PULP AND PAPER ENGINEERING TECHNOLOGY	96	3 YR																		E
RADIOGRAPHY	89	90	2 YR	C						E										
RECORDS AND INFORMATION MANAGEMENT	82	2 YR																		E
RECORDS OPERATIONS	82	1 YR	E																	
RECREATION - PARKS OPERATION & SERV.	66	2 YR																		E
RECREATION FOR SPECIAL POPULATIONS	66	P D																		E
RECREATION LEADERSHIP	66	2 YR	E																	E
RECREATIONAL MARINE MANAGEMENT	66	2 YR	E																	E
RECREATIONAL MERCHANDISING	81	2 YR																		
REG. NURSE - CRITICAL CARE NURSING	93	P D																		
REGISTERED NURSE - OPERATING ROOM	93	P D																		
REGISTERED NURSE - REFRESHER	93	P D																		
REGULATORY LAW ADMINISTRATION	80	P D	E																	E
RESOURCES TECHNICIAN - DRILLING	99	2 YR																		E
RESOURCES/ENVIRONMENTAL TECHNICIAN	99	101	F	E	E	F														E
RESOURCES/ENVIRONMENTAL TECHNOLOGY	99	3 YR	E																	E
RESPIRATORY THERAPY	89	90	3 YR	E		F														E
RETAIL FLORICULTURE		2 YR																		
RETAIL FLORIST	73	74	1 YR	E																E
SAFETY ENGINEERING TECHNOLOGY		3 YR																		
SECURITY ALARM TECHNIQUES	65	1 YR																		E
SECURITY MANAGEMENT		2 YR	E																	
SECURITY SYST. IMPLEMENTATION & DESIGN		2 YR	E																	
SIGN LANGUAGE COMMUNICATOR	67	2 YR	F																	E
SIGN LANGUAGE INTERPRETER	67	3 YR																		E



## APPENDIX D (Cont'd)

	PAGE(S) IN APPENDIX A	DUR	A C L G H I J K M N O P Q R S T U V W X Y Z
PROGRAMS	E F B	B	O B D E F G H I J K L M N O P Q R S T U V W X Y Z
SKI AREA OPERATIONS	66	1 YR	E
SKI RESORT OPERATIONS AND MANAGEMENT	82	2 YR	E
SMALL BUSINESS	80	1 YR	E
SMALL BUSINESS – OFFICE AUTOMATION	82	2 YR	E
SMALL BUSINESS MANAGEMENT	67	68	E
SOCIAL SERVICE WORKER	66	3 YR	E
SPORTS & ENTERTAINMENT ADMINISTRATION	66	3 YR	E
SPORTS EQUIPMENT SPECIALIST	PD	3 YR	E
SPORTS INJURY MANAGEMENT	81	PD	E
SPORTS MARKETING	99	1 YR	E
STATIONARY ENGINEERING	99	2 YR	E
STATIONARY ENGINEERING TECHNOLOGY	97	3 YR	E
STATIONARY ENGINEERING SURVEY TECHNICIAN	97	3 YR	E
SURVEY TECHNOLOGY	TEACHER AIDE	2 YR	E
TEACHER ASSISTANT – ABORIGINAL	TEACHERS OF ADULTS	1 YR	E
TECHNICAL WRITER	TELECOMMUNICATIONS MANAGEMENT	3 YR	E
THEATRE ARTS	74	3 YR	E
THEATRE ARTS – PRODUCTION	74	2 YR	E
TOURISM MANAGEMENT	83	3 YR	E
TRANSPORTATION & DISTRIBUTION ADMIN.	81	3 YR	E
TRANSPORTATION AND DISTRIBUTION	81	2 YR	E
TRAVEL AND TOURISM	83	2 YR	E
UNDERWATER SKILLS	98	1 YR	E
URBAN ARBORICULTURE	89	1 YR	E
VETERINARY TECHNICIAN	89	2 YR	E
VETERINARY TECHNOLOGY	100	3 YR	E
VISUAL MERCHANDISING ARTS	100	2 YR	E
WELDING ENGINEERING TECHNICIAN	100	3 YR	E
WELDING ENGINEERING TECHNOLOGY	100	1 YR	E
WELDING TECHNIQUES	PD	PD	E
WELLNESS AND LIFESTYLE MANAGEMENT			

# APPENDIX D (Cont'd)

PROGRAMS	PAGE(S) IN APPENDIX A	A C C C L L M N N S S S S S S																											
		E F B DUR PD	L A A E A O O U A R E U A O O I O T L A E H S																										
WOODWORKING MANUFACTURING MANAGEMENT	97																												
WORKERS' COMPENSATION CLAIMS MGT.	80																												

Codes in Table: E = English F = French B = Bilingual A = English & French C = English & Bilingual PD = Post Diploma

\* Programs in which colleges reported enrolment for funding purposes are included in this appendix. However, since 1993-94, Colleges may have cancelled some of their existing programs and/or introduced new programs. Some of these programs may not yet have had a graduating class. Readers are advised to contact the individual colleges for up-to-date information on their program offerings.

Note: See Appendix F for a list of abbreviations used in this table.



## Appendix E

### CAREER PLANNING AND PLACEMENT OFFICES IN COLLEGES OF APPLIED ARTS AND TECHNOLOGY

College	Telephone	Fax
Algonquin College 1385 Woodroffe Avenue Nepean, Ontario K2G 1V8	(613) 727-GRAD Ext. 5238	(613) 727-7781
Cambrian College 1400 Barrydowne Road Sudbury, Ontario P3A 3V8	(705) 566-8101 Ext. 7422	(705) 524-7334
Canadore College 100 College Drive North Bay, Ontario P1B 8K9	(705) 474-7600 Ext. 5185	(705) 474-2384
Centennial College P. O. Box 631, Station A Scarborough, Ontario M1K 5E9	(416) 289-4744 Ext. 2528	(416) 439-3334
La Cité collégiale 2465, Boulevard Saint-Laurent Ottawa, Ontario K1G 5H8	(613) 786-2085	(613) 786-2326
Conestoga College 299 Doon Valley Drive Kitchener, Ontario N2G 4M4	(519) 748-5220 Ext. 219	(519) 748-5971
Confederation College 1450 Nakina Drive P. O. Box 398 Thunder Bay, Ontario P7C 4W1	(807) 475-6152 1-800-465-5005	(807) 623-3956

**Career Planning and Placement Offices (cont'd)**

<b>College</b>	<b>Telephone</b>	<b>Fax</b>
Durham College Box 385 2000 Simcoe St. N. Oshawa, Ontario L1H 7L7	(905) 721-3111 Ext. 2340	(905) 721-3112
Fanshawe College P. O. Box 4005 1460 Oxford Street East London, Ontario N5W 5H1	(519) 452-4294	(519) 659-9393
George Brown College Casa Loma Campus 160 Kendal Avenue Toronto, Ontario M5R 1M3	(416) 944-4584	(416) 944-4582
Georgian College Barrie Campus 1 Georgian Drive Barrie, Ontario L4M 3X9	(705) 722-1528	(705) 722-5155
Humber College 205 Humber College Blvd. Etobicoke, Ontario M9W 5L7	(416) 675-5029	(416) 675-9654
Lambton College Modeland Road Campus 1457 London Road P. O. Box 969 Sarnia, Ontario N7T 7K4	(519) 542-7751 Ext. 313	(519) 542-6667
Loyalist College P. O. Box 4200 Wallbridge Cres-Loyalist Road Belleville, Ontario K8N 5B9	(613) 969-1913 Ext. 244	(613) 962-0145
Mohawk College Fennell Avenue & West 5th P. O. Box 2034 Hamilton, Ontario L8N 3T2	(905) 575-2405	(905) 575-2297

**Career Planning and Placement Offices (cont'd)**

<b>College</b>	<b>Telephone</b>	<b>Fax</b>
Niagara College P. O. Box 1005 Woodlawn Road Welland, Ontario L3B 5S2	(905) 735-2211 Ext. 7789	(905) 735-5365
Northern College P. O. Box 2002 South Porcupine, Ontario P0N 1H0	(705) 235-7213 1-800-461-2167	(705) 235-7279
St. Clair College South Campus 2000 Talbot Road West Windsor, Ontario N9A 6S4	(519) 972-2727 Ext. 4376	(519) 972-0801
St. Lawrence College Brockville Campus 2288 Parkedale Avenue Brockville, Ontario K6V 5X3	(613) 345-0556 Ext. 3190	(613) 345-2231
Sault College P. O. Box 60 443 Northern Avenue Sault Ste. Marie, Ontario P6A 5L3	(705) 759-2554 1-800-461-2265	(705) 759-5944
Seneca College Newnham Campus 1750 Finch Avenue East North York, Ontario M2J 2X5	(416) 491-5050 Ext. 2933	(416) 491-2966
Sheridan College 1430 Trafalgar Road Oakville, Ontario L6H 2L1	(905) 849-9430 Ext. 2650	(905) 815-4037
Sir Sandford Fleming College Frost Campus Box 8000 Lindsay, Ontario K9V 5E6	(705) 324-9144 Ext. 3254	(705) 878-9312



## Appendix F

### ABBREVIATIONS USED IN THE REPORT

I. This section provides a list of abbreviations used in the tables.

Admin. ....	Administration
Appl. ....	Applications
Asst. ....	Assistant
Bus. ....	Business
Co-ord. ....	Co-ordinator
Co-op. ....	Co-operative
Commun. ....	Community
Cond. ....	Conditioning
Counsrl. ....	Counsellor
Counsg. ....	Counselling
Des'n ....	Design
Devel. ....	Development
Educ. ....	Education
Enforce. ....	Enforcement
Eng. ....	Engineering
Equip. ....	Equipment
Info. ....	Information
Instr. ....	Instruction
Mgt. ....	Management
Mech. ....	Mechanical
Micro. ....	Microcomputer
Multidisc. ....	Multidiscipline
N.E.C. ....	Not Elsewhere Classified
Nurs. ....	Nursing
P.C. ....	Post Certificate
P.D. ....	Post Diploma
Prod. ....	Production
Prgmr. ....	Programmer
Prosth. ....	Prosthetics
Refrig. ....	Refrigeration
Reg. ....	Registered
Reprod. ....	Reproduction
Serv. ....	Services
Spec. ....	Specialist
Syst. ....	Systems
Techn. ....	Technician
Techqs. ....	Techniques
Techy. ....	Technology
Telecom. ....	Telecommunications



II. This section provides a list of abbreviations for college names.

ALGO .....	Algonquin
CAMB .....	Cambrian
CANA .....	Canadore
CENT .....	Centennial
LACI .....	La Cité collégiale
CONS .....	Conestoga
CONF .....	Confederation
DURH .....	Durham
FANS .....	Fanshawe
GRBR .....	George Brown
GEOR .....	Georgian
HUMB .....	Humber
LAMB .....	Lambton
LOYT .....	Loyalist
MOHA .....	Mohawk
NIAG .....	Niagara
NORT .....	Northern
STCL .....	St. Clair
SLAW .....	St. Lawrence
SAUL .....	Sault
SENE .....	Seneca
SHER .....	Sheridan
SSFL .....	Sir Sandford Fleming















